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                      Conference code: 123744  
                      Publisher: Institute of Electrical and Electronics Engineers Inc.  
                      Abstract: The proceedings contain 83 papers. The topics discussed  
                              include: Enabling proximity call continuity via common  
                              neighbor tunneling for public safety in LTE; a time and  
                              frequency division algorithm for control signaling  
                              collision avoidance in standalone LTE-unlicensed  
                              networks; minimizing packet delay via load balancing in  
                              CLOS switching networks for datacenters; measurement  
                              and modeling of 3D spatial wireless backhaul channels  
                              in NLOS scenarios; the dynamic linear combination

retransmission based on network coding in multicast network; an improved amorphous localization algorithm for wireless sensor networks; DEDV: a data collection method for mobile sink based on dynamic estimation of data value in WSN; improved node localization for WSN using heuristic optimization approaches; page dissemination modeling and optimization for coding-based reprogramming protocols in wireless sensor networks; a new interference aware routing metric for multi-radio multi-channel wireless mesh networks; using path label routing in wide area software-defined networks with OpenFlow; and a lightweight and secure data authentication scheme with privacy preservation for wireless sensor networks.

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## 1. A Novel Scheme for Phase Noise Compensation in CO-OFDM Long-Reach Passive Optical Networks

Zeglam, Mohamed Ben (Electrical and Computer Engineering, University of Waterloo, Canada); Ho, Pin Han; Peng, Limei; Jie, Shuiping **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 75-79, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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## 2. Reliability Analysis of Molecular Communication Based on Drift Diffusion

Wang, Xinlei (School of Computer Science, Shaanxi Normal University, Xi'an, China); Wu, Zhenqiang; Chen, Jiawang; Hao, Xuanwen; Liu, Bo **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 152-157, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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## 3. Efficient ONU Migration for Fixed and Mobile Convergence Network in High-Speed Rail Area

Gu, Rentao (Beijing Laboratory of Advanced Information Networks, Beijing University of Posts and Telecommunications, Beijing, China); Zhang, Shizong; Yan, Zidi; Ji, Yuefeng **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 36-41, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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## 4. Development of a Hybrid FSO/RF System during Link Misalignment

Kiran, Kappala Vinod (Department of Electronics and Communication, National Institute of Technology Rourkela, India); Rathore, Shikha; Turuk, Ashok Kumar; Das, Santos Kumar **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 138-140, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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## 5. Preserving Friendly-Correlations in Uncertain Graphs Using Differential Privacy

Hu, Jing (School of Computer Science, Shaanxi Normal University, Xi'an, China); Shi, Wuchao; Liu, Hai; Yan, Jun; Tian, Yuan; Wu, Zhenqiang **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 24-29, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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## 6. A Survey of Multipath Transport Mechanism in Software Defined Network

Gao, Kai (State Key Laboratory of Networking and Switching Technology, Beijing University of Posts and Telecommunications, Beijing, China); Xu, Changqiao; Guan, Jianfeng; Liu, Yang **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 320-325, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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## 7. Secure Transmission with Limited Feedback in MISOME Wiretap Channels

Quan, Jiao (School of Computer Science and Technology, Xidian University, China); Li, Xiaochen; Xiao, Yeqiu; Shen, Yulong; Li, Fenghua **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 48-53, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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## 8. Genomic Privacy Preserving Framework for High-Order SNPs Linkage Disequilibrium on Correlated Sequences

Liu, Hai (School of Computer Science, Shaanxi Normal University, Xi'an, China); Wu, Zhenqiang; Peng, Changgen; Lei, Xiujuan **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 125-132, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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## 9. Backup Path Provisioning for Service Protection against Disaster Failures in Telecom Networks

Du, Xiaowu (Economics Management Research Center of Oil and Gas Resource, Xi'an Shiyou University, Xi'an; 710065, China); Ma, Lisheng **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 220-224, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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## 10. A Novel Recommendation Model Based on Trust Relations and Item Ratings in Social Networks

Song, Haokai (State Key Laboratory of Integrated Services Networks, Xidian University, Xi'an; 710071, China); Pei, Qingqi; Xiao, Yang; Li, Zi; Wang, Yong **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 17-23, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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## 11. A Novel Approach for Mining Road Information from Low Precision GPS Data

Zhang, Siqie (State Key Laboratory of Integrated Services Networks, Xidian University, Xi'an, Shaanxi; 710071, China); Li, Changle; Zhou, Xun **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 268-273, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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## 12. Techno-Economic Evaluation of CDN Deployments in Metropolitan Area Networks

Ayoub, Omran (Politecnico di Milano, Milan, Italy); Musumeci, Francesco; Tornatore, Massimo; Pattavina, Achille

**Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 314-319, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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## 13. A Low-Storage-TTP and Abuse-Free Contract Signing Protocol Based on the Schnorr Signature

Zhai, You (Tianjin Key Laboratory of Advanced Networking (TANK), School of Computer Science and Technology, Tianjin University, Tianjin, China); Xu, Guangquan; Zhang, Yao

**Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 279-285, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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## 14. PVad: Privacy-Preserving Verification for Secure Routing in Ad Hoc Networks

Li, Teng (School of Cyber Engineering, Xidian University, Shaanxi, China); Ma, Jianfeng; Sun, Cong; Wei, Dawei; Xi, Ning

**Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 5-10, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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## 15. Distributed Information Flow Verification on Encrypted Data for Service Composition in Multiple Clouds

Xi, Ning (School of Cyber Engineering, XIDIAN University, Xian, China); Sun, Cong; Lu, Di; Shen, Yulong

**Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 286-291, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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## 16. CryptSQLite: Protecting Data Confidentiality of SQLite with Intel SGX

Wang, Yongzhi (School of Computer Science and Technology, Xidian University, Xi'an; 710071, China); Liu, Lingtong;

Su, Cuicui; Ma, Jiawen; Wang, Lei; Yang, Yibo; Shen, Yulong; Li, Guangxia; Zhang, Tao; Dong, Xuewen **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 303-308, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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## 17. Reputation Propagation for Web Service Composition: A Shapley Value Approach

Zhang, Tao (School of Computer Science and Technology, Xidian University, Xi'an; 710071, China); Wang, Yongzhi; Li, Guangxia; Guo, Jingjing; Li, Qi **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 232-238, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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## 18. End-to-End Congestion Relief Routing Protocol for Ad Hoc Networks

Xu, Yang (School of Economics and Management, Xidian University, Xi'an; 710071, China); Liu, Jia; Ando, Ruo; Shiratori, Norio **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 87-92, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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## 19. Limits of Covert Communication on Two-Hop AWGN Channels

Wu, Huihui (School of Computer Science and Technology, Xidian University, Xi'an, China); Liao, Xuening; Dang, Yongchao; Shen, Yulong; Jiang, Xiaohong **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 42-47, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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## 20. Spectral Efficiency, Diversity Gain and Multiplexing Capacity Analysis for Massive MIMO, 5G Communications System

Poudel, Khem Narayan (Computational Science Program, Middle Tennessee State University, TN, United States); Gangaju, Shankar **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 133-137, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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## 21. Resource Allocation for Throughput Optimization in Buffer-Limited Mobile Ad Hoc Networks

Liu, Jia (Center for Cybersecurity Research and Development, National Institute of Informatics, Tokyo; 101-8430, Japan); Xu, Yang; Ando, Ruo; Takakura, Hiroki; Xu, Yifei **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 80-86, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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## 22. Big Data Application for Nepalese Government: A Proposed Solution for Labor Migrant

Pradhan, Pratima (Singhania University, India); Shakya, Subarna **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 296-302, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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### 23. A Transmission Mechanism of the Backup for Disaster Recovery in DCNs

Shi, Zhan (School of Electronic and Information Engineering, Beijing Jiaotong University, Beijing, China); Wang, Chenyue; Wen, Qili; Su, Wei; Zhou, Huachun; Gao, Shuai **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 214-219, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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### 24. Efficient (k, n) Secret Sharing Scheme Secure against k-2 Cheaters

Zhu, Lei (School of Computer Science and Engineering, Xi'an University of Technology, Xi'an; 710048, China); Liu, Yanxiao; Wang, Yichuan; Ji, Wenjiang; Hei, Xinhong; Yao, Quanzhu; Zhu, Xiaoyan **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 1-4, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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### 25. A Flexible Frame-Oriented Host-FPGA Communication Framework for Software Defined Wireless Network

Liu, Jun (Center for Energy-Efficient Computing and Applications, School of EECS, Peking University, Beijing, China); Li, Zhiwei; Ding, Boyan; Wu, Haoyang; Wang, Tao **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 118-124, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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### 26. BF-PDT: A New Name Lookup Mechanism in Content-Centric Networking

Hao, Hao (State Key Laboratory of Networking and Switching Technology, Beijing University of Posts and Telecommunications, Beijing; 100876, China); Xu, Changqiao; Yang, Shujie; Guan, Jianfeng; Liu, Yang; Zhong, Lujie **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 69-74, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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### 27. Multicast Delivery Delay in General Two-Hop Relay MANETs

Yang, Bin (School of Computer and Information Engineering, Chuzhou University, China); Wu, Zhenqiang; Shen, Yulong; Fan, Yuanyuan **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 100-103, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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### 28. 2-OptACO: An Improvement of Ant Colony Optimization for UAV Path in Disaster Rescue

Ji, Xiang (School of Information Science and Technology, Northwest University, Xi'an, China); Hua, Qingyi; Li, Chunyu; Tang, Junsong; Wang, Anwen; Chen, Xiaojiang; Fang, Dingyi **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 225-231, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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### 29. Joint Resource Scheduling for Mobile Multimedia Services in Hierarchical Cloud Networks

Liu, Mengjie (National Key Laboratory of Science and Technology on Communications, University of Electronic Science and Technology of China, Chengdu; 611731, China); Wang, Yatong; Zhou, Jiang; Feng, Gang; Qin, Shuang  
**Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 252-257, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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### 30. A Secure Authentication Method of Intelligent Terminals Based on Jensen-Shannon Divergence

Qiao, Shuangyuan (School of Cyber Engineering, Xidian University, Xi'an; 710071, China); Zeng, Yong; Zhou, Lingjie; Liu, Zhihong; Ma, Jianfeng  
**Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 158-163, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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### 31. An 802.11 MAC Optimization Mechanism Based on Throughput Proportional Fairness in Multi-rate WLAN

Yan, Mu (National Key Laboratory of Science and Technology on Communications, University of Electronic Science and Technology of China, Chengdu, China); Wang, Yatong; Wu, Su; Feng, Gang; Qin, Shuang  
**Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 196-202, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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### 32. Application Oriented Sensor Database System

Satyanarayana, G.S.R. (Department of Electronics and Communication, National Institute of Technology Rourkela, India); Chakraborty, Debarka; Das, Santos Kumar  
**Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 141-146, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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### 33. An Enhanced Soft Combination Algorithm Based on CUSUM for Cooperative Spectrum Sensing

Miao, Jingcheng (School of Information Engineering, Engineering University of CAPF, Xi'an, China); Song, Xiao Ou  
**Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 176-179, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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### 34. Delay and Capacity in Three-Dimensional Mobile Ad Hoc Networks with Packet Replication

Wang, Wu (School of Information and Technology, Kunming University, Kunming, China); Yang, Bin; Shen, Shikai; Wang, Yujian; Fang, Gang **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 164-169, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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### 35. A CCA-secure Verifiable Mix-Net

Li, Long-Hai (School of Computer Science and Technology, Xidian University, Xi'an, China); Huang, Cheng-Qiang; Fu, Shao-Feng **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 239-245, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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### 36. TSMWD: A High-Speed Malicious Web Page Detection System Based on Two-Step Classifiers

Wang, Zhengqi (CAS Key Laboratory of Electromagnetic Space Information, University of Science and Technology of China, Hefei; 230027, China); Feng, Xiaobing; Niu, Yukun; Zhang, Chi; Su, Jue **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 170-175, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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Liu, Xiaolan (School of Systems Information Science, Future University, Hakodate, Hokkido, Japan); Yang, Bin; Jiang, Xiaohong **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 309-313, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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### 38. Provoking the Adversary by Dual Detection Techniques: A Game Theoretical Framework

Salem, Ahmed (School of Computer Science and Technology, Xidian University, Xi'an, China); Liao, Xuening; Shen, Yulong; Lu, Xiang **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 326-329, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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### 39. A Security Routing Protocol for Internet of Things Based on RPL

Ma, Guojun (School of Information Engineering, Xi'an University, Xi'an, China); Li, Xing; Pei, Qingqi; Li, Zi **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 209-213, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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#### 40. GT-SGD: A Novel Gradient Synchronization Algorithm in Training Distributed Recurrent Neural Network Language Models

Zhang, Xiaoci (Department of Computer Science, University of Science and Technology of China, Hefei; 230027, China); Gu, Naijie; Yasrab, Robail; Ye, Hong **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 274-278, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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#### 41. Performance Evaluation and Optimization for Android-Based Web Server

Zhao, Yajing (State Key Laboratory of Networking and Switching Technology, Beijing University of Posts and Telecommunications, Beijing; 100876, China); Wang, Jing; Zhang, Lei; Wang, Jingyu; Qi, Qi **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 246-251, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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#### 42. An Empirical Study of Unsolicited Content Injection into a Website

Jianming, Fu (School of Computer Science, Wuhan University, Wuhan, China); Mengfei, Xie; Yingjun, Wang; Xufen, Mei **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 104-111, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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Li, Yanping (School of Mathematics and Information Science, Shaanxi Normal University, Xi'an, China); Qi, Yanjiao; Lu, Laifeng **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 93-99, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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Dang, Yongchao (School of Computer Science and Technology, Xidian University, China); Chen, Yin; Wu, Huihui; Shen, Yulong; Jiang, Xiaohong **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 30-35, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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#### 45. PADA: Privacy-Aware Data Aggregation with Efficient Communication for Power Injection in 5G Smart Grid Slice

Zhang, Yinghui (National Engineering Laboratory for Wireless Security, Xi'an University of Posts and Telecommunications, Xi'an; 710121, China); Zheng, Dong; Zhao, Qinglan; Lai, Chengzhe; Ren, Fang **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 11-16, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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Tian, Feng (School of Computer Science, Shaanxi Normal University, Xi'an, Shaanxi; 710119, China); Zhang, Shuangyue; Lu, Laifeng; Liu, Hai; Gui, Xiaolin **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 61-68, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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Gao, Hui (School of Computer Science and Technology, Xidian University, China); Shen, Yulong; Yang, Bin **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 292-295, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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#### 48. A Survey on Big Data in Financial Sector

Jaiswal, Anku (Department of Computer and Electronics, Advanced College of Engineering and Management, Lalitpur, Nepal); Bagale, Purrushottam **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 337-340, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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#### 49. A Privacy Measurement Method Using Network Structure Entropy

Shi, Wuchao (School of Computer Science, Shaanxi Normal University, Xi'an, China); Hu, Jing; Yan, Jun; Wu, Zhenqiang; Lu, Laifeng **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 147-151, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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#### 50. Hierarchical CSI-fingerprints Classification for Passive Multi-person Localization

Ma, Runcong (College of Computer and Information Engineering, Chuzhou University, Chuzhou, China); Chen, Guilin; Zhao, Shenghui; Yang, Bin; Yu, Gwo-Jong **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 112-117, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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## 51. The Storage of Virtual Machine Disk Image in Cloud Computing: A Survey

Zhao, Yuyan (School of Information, Chuzhou University, Chuzhou, China); Chen, Haibao; Zhao, Shenghui; Wang, Yihong **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 263-267, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

**Database:** Compendex

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## 52. Message from general conference chairs

Pradhan, Hirendra Man (Kathmandu Engineering College, Nepal); Pattavina, Achille; Ji, Yuefeng **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p xi, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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## 53. Uncertain Graph Method Based on Triadic Closure Improving Privacy Preserving in Social Network

Yan, Jun (School of Mathematics and Computer Applications, Shangluo College, Shangluo, China); Zhang, Lin; Shi, Wuchao; Hu, Jing; Wu, Zhenqiang **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 190-195, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

**Database:** Compendex

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## 54. An Improved Amorphous Algorithm in Wireless Sensor Network Based on Approximate Equilateral Triangle Beacon Selection

Shen, Shikai (School of Systems Information Science, Future University Hakodate, Hokkaido; 041-8655, Japan); Qian, Kaiguo; Yang, Bin; She, Yumei; Wang, Wu; Wang, Yujian **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 54-60, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

**Database:** Compendex

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## 55. MSIPS: Multi-tiered Security IPs Architecture for Secure SoC Design

Huang, Zhao (School of Computer and Technology, Xidian University, Xi'an City, China); Wang, Quan **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 203-208, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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## 56. Research on Power Allocation of Network Coding in Vehicle Networking

Hu, Jingjing (School of Electronic Information, Nantong University, Nantong, China); Ji, Yancheng; Li, Junma; Dong, Danfeng **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 347-352, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

**Database:** Compendex

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## 57. Wireless Monitoring of Photovoltaics Panels

Sah, Rahul Kumar (Kathmandu University, Kavre, Dhulikhel, Nepal); Ghising, Sushant; Dulal, Saurab; Karn, Manish; Sah, Suresh **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 186-189, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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## 58. GA-based Load Balancing Algorithm for Distributed Timing Task

Guo, Yiming (State Key Laboratory of Networking and Switching Technology, Beijing University of Posts and Telecommunications, Beijing; 100876, China); Wang, Yulong; Zhang, Lei; Wang, Jingyu; Qi, Qi **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 258-262, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

**Database:** Compendex

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## 59. A Novel Multifactor Two-Server Authentication Scheme under the Mobile Cloud Computing

Han, Ziyi (School of Computer Science and Technology, Xidian University, Xi'an; 710071, China); Yang, Li; Liu, Qiang **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 341-346, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

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## 60. Cost Effective Accommodation Planning in a Trip by Using Accommodation Advisor Query (AA-Query) in STPF

Gautam, Bishnu Prasad (Department of Integrated Media, Wakkanai Hokusei Gakuen University Wakkanai, Hokkaido, Japan); Batajoo, Amit; Asami, Hiroyasu **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 330-336, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

**Database:** Compendex

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## 61. LTE Network: Coverage and Capacity Planning: 4G Cellular Network Planning around Banepa

Jha, Sujeet Kumar (Department of Electrical and Electronics Engineering, Kathmandu University, Kavre, Dhulikhel, Nepal); Rokaya, Rupa; Bhagat, Amit; Khan, Ahmed Raja; Aryal, Laxman **Source:** *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*, v 2018-January, p 180-185, January 4, 2018, *Proceedings - 2017 International Conference on Networking and Network Applications, NaNA 2017*

**Database:** Compendex

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## 1. An uncertain graph approach for preserving privacy in social networks based on important nodes

Yan, Jun (Shangluo College, Shaanxi Shangluo, China); Zhang, Lin; Tian, Yupan; Wen, Ge; Hu, Jing **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 107-111, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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## 2. Quality of services in warehouse scale computers

Khan Sherwani, Muhib Ahmad (NCBAE, Department of Computer Science, Sub-Campus, Multan, Pakistan); Khan, Muneeb Ahmed **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 187-190, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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## 3. Research of security situational awareness and visualization approach in cloud computing

Chen, Jianfeng (Cyberspace Security Key Laboratory of Sichuan Province, Cyberspace Security Technology Laboratory of CETC, Sichuan, China); Xu, Rui; Li, Chunlin **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 201-205, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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## 4. Provoking the adversary by dual detection techniques: An extended stochastic game theoretical framework

Salem, Ahmed (Xidian University, School of Computer Science and Technology, Xi'an, China); Liao, Xuening; Zeng, Shuiguang; Shen, Yulong **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 47-51, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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## 5. TMarkov: LBS trajectory prediction for crowdsourcing recommendation

Qiu, Guoying (School of Computer Science and Technology, Xidian University, Xi'an, China); Cheng, Ke; Liu, Lingtong; Zeng, Shuiguang **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 153-158, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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## 6. Channel-based authentication for dual-hop wireless networks

Zhang, Pinchang (Future University Hakodate, School of Systems Information Science, Hakodate, Japan); Jiang, Xiaohong **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 42-46, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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## 7. Visual-inertial state estimation for the civil aircraft landing in low visibility conditions

Zhang, Lei (Northwestern Polytechnical University, School of Computer Science and Engineering, Xi'an, China); Zhai, Zhengjun; Bai, Linting; Li, Yahui; Niu, Wensheng; Yuan, Lei **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 292-297, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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## 8. The challenges, the threats and policy implications to a compromised privacy and security

Shahata, Nader (Cyber Security Research and Development Center, National Institute of Informatics, Tokyo, Japan)

**Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 314-317, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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## 9. A review of dynamic resource allocation in integrated satellite and terrestrial networks

Peng, Yinghan (Beijing Laboratory of Advanced Information Network, Beijing University of Posts and Telecommunications, Beijing; 100876, China); Dong, Tao; Gu, Rentao; Guo, Qize; Yin, Jie; Liu, Zhihui; Zhang, Tingting; Ji, Yuefeng **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 127-132, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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## 10. Event-based diffusion kalman filter strategy for clock synchronization in WSNs

Yang, Shujie (Beijing University of Posts and Telecommunications, State Key Laboratory of Networking and Switching Technology, Beijing; 100876, China); Xu, Changqiao; Guan, Jianfeng; Zhang, Tao **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 270-276, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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## 11. Function risk assessment under memory leakage

Fu, Jianming (Wuhan University, School of Cyber Science and Engineering, Hubei, China); Jin, Rui; Lin, Yan; Jiang, Baihe; Guo, Zhengwei **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 284-291, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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## 12. A design and implementation of network billing system on campus based on hadoop and netflow

She, Bo (Network Information Center, Xi'an Jiaotong University, Xi'an, China); Qin, Zunying; Wang, Qiang; Zhang, Zhe; Cui, Jingru; Li, Guodong; Zhong, Xiaoge **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 197-200, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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## 13. TickSEC: A novel reconfigurable platform for wifi physical layer security

Li, Xiaoguang (Peking University, Beijing, China); Liu, Jun; Ding, Boyan; Li, Zhiwei; Wu, Haoyang; Wang, Tao **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 237-244, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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## 14. Analyzing the impact of nanonode density on biological tissues in intrabody nanonetworks

Javaid, Shumaila (School of Computer Science, Shaanxi Normal University, Xi'an, China); Wu, Zhenqiang; Fahim, Hamza; Javed, Farhana; Chen, Jiawang **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 159-163, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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## 15. Cooperative jamming for secrecy of wireless communications

Ma, Baihe (Xidian University, School of Cyber Engineering, Xi'an, China); Liu, Zhihong; Zeng, Yong; Ma, Jianfeng **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 14-21, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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## 16. Preserving privacy for hubs and links in social networks

Guo, Yao (Xidian University, School of Cyber Engineering, Xi'an, China); Liu, Zhihong; Zeng, Yong; Wang, Ruiheng; Ma, Jianfeng **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 263-269, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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## 17. A privacy preserving model in uncertain graph mining

Tian, Yupan (Shaanxi Normal University, School of Computer Science, Xi'an, China); Yan, Jun; Hu, Jing; Wu, Zhenqiang **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 102-106, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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## 18. Multi-channel signal acquisition algorithm for multi-beam satellite systems in high dynamic environment

Sun, Nannan (China Electronics Technology Group Corporation, 54th Research Institute, Shijiazhuang, China); Yu, Zhi; Qiao, Xianke **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 69-73, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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## 19. An efficient GPS-free vehicle localization algorithm using single roadside unit and receiver

Ma, Sugang (School of Information Engineering, Chang'an University, Xi'an, Shaanxi; 710064, China); Wen, Fuxi; Wang, Zhongmin **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 310-313, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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## 20. Passive human trajectory tracking study in indoor environment with CSI

Yu, Hongli (College of Computer and Information Engineering, Chuzhou University, Chuzhou, China); Yang, Bin; Liu, Jinjun; Yu, Gwo-Jong **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 372-377, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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## 21. Epidemic propagation control with limited temporary link removed

Zhang, Ruifang (Shaanxi Normal University, School of Computer Science, Xi'an; 710119, China); Li, Li; Du, Nana; Liu, Huanyu **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 344-349, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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## 22. The distributed computing framework research for avionics cloud

Xie, Jianchun (AVIC Computing Technique Research Institute, Aviation Key Laboratory of Science and Technology on Airborne and Missileborne Computer, Xi'an, China); Wang, Zhonghua; Li, Yahui **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 390-393, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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## 23. Analysis and protection of DDOS attack based on RSSP-II protocol

Liang, Zhongdi (School of Computer Science and Engineering, Xi'an University of Technology, Xi'an, China); Hei, Xinhong; Wang, Yichuan; Ji, Wenjiang; Zhu, Lei; Zhang, Yefei **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 117-120, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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## 24. MicrothingsChain: Edge computing and decentralized IoT architecture based on blockchain for cross-domain data sharing

Zheng, Jiawei (Xidian University, School of Computer Science Technology, Xi'an; 710071, China); Dong, Xuewen; Zhang, Tao; Chen, Junfeng; Tong, Wei; Yang, Xiaozhou **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 350-355, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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## 25. Greeting message from general conference chairs

Wang, Zhongmin (Xi'an University of Posts and Telecommunications, China); Pattavina, Achille; Gu, Naijie **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p XIII, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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## 26. Gated slotted aloha protocol for wireless communication network

Huang, Huanhuan (Department of Electronics Engineering, Shanghai Jiao Tong University, Shanghai, China); Ye, Tong; Lee, Tony T. **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 22-28, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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## 27. Technical research and platform implementation of the protocol conformance test of AFDX network switch

Wang, Shi-Kui (Aeronautics Computing Technique Research Institute, Xi'an, China); Li, Wen **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 227-231, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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## 28. Energy saving strategy for task migration based on genetic algorithm

Kong, Yue (Xi'an University of Technology, School of Computer Science and Engineering, Xi'an; 710048, China); Zhang, Yikun; Wang, Yichuan; Chen, Hao; Hei, Xinhong **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 330-336, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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## 29. An artificial neural network based attenuation tomography in free space optical network

Yana, Zeyuan (Beijing University of Posts and Telecommunications, Beijing Laboratory of Advanced Information Network, Beijing; 100876, China); Gu, Rentao; Dong, Tao; Yin, Jie; Li, Shu; Liu, Zhihui; Zhang, Tingting; Ji, Yuefeng **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 52-57, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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### 30. A clustering algorithm of underwater acoustic sensor networks based on hierarchical 3D mesh

Wang, Jianping (Henan Institute of Science and Technology, School of Information Engineering, Xinxiang, China); Zhang, Shujing; Gao, Guohong; Cai, Lei; Zuo, Xiangang; Yu, Zhou; Chen, Wei **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 80-85, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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### 31. Classification of mobile users' activities based on group similarity perception networks

Song, Hui (School of Computer Science and Technology, Xi'an University of Posts and Telecommunications, Xi'an, Shaanxi; 710121, China); Han, Shuai; Wang, Zhongmin **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 245-250, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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### 32. Data backup against progressive disasters in geo-distributed data center networks

Ma, Lisheng (Chuzhou University, Chuzhou; 239000, China); Yang, Bin **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 223-226, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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### 33. Limits of covert communication over AWGN channels in the presence of multiple wardens

Sun, Ranran (School of Computer Science and Technology, Xidian University, Xi'an, China); Zeng, Shuiguang; Zhu, Xinghui **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 143-146, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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### 34. A blockchain-based secure cloud files sharing scheme with fine-grained access control

Liu, Yuke (Xidian University, School of Cyber Engineering, Xi'an, China); Zhang, Junwei; Gao, Qi **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 277-283, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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### 35. Implementation and analysis of improved RO PUFs with latch structure

Huang, Zhao (Xidian University, School of Computer Science and Technology, Xi'an, China); Zhao, Chen; Wang, Quan; Wang, Zhenyi **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 318-323, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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### 36. Parallel implementation of AES-GCM with high throughput and energy efficiency

Su, Junjie (School of Computer Science and Technology, University of Science and Technology of China, Hefei; 230027, China); Gu, Naijie; Bai, Qilin; Lin, Chuanwen **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 251-256, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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### 37. Low-complexity optimal scheduler for LTE over LAN cable

Naqvi, Syed Hassan Raza (Department of Electrical and Computer Engineering, University of Waterloo, ON, Canada); Jabeen, Shahida; Ho, Pin Han **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 36-41, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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### 38. Energy efficiency analysis of the watchful sleep mode with delayed wakeup in PONs

Hirafuji, Raisa O.C. (Dept. of Electrical and Computer Engineering, University of Waterloo, Canada); Dhaini, Ahmad R.; Campelo, Divanilson R.; Ho, Pin-Han; Peng, Limei **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 63-68, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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### 39. A QC-LDPC code based digital signature algorithm

Ren, Fang (School of Telecommunication and Information Engineering, Xi'an University of Posts and Telecommunications, Xi'an, China); Yang, Xuefei; Zheng, Dong **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 257-262, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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### 40. Physical layer authentication based on CFO and visibility graph

Zeng, Shuiguang (School of Information Technology, Hebei Normal University, Shijiazhuang; 050024, China); Li, Xuefei; Salem, Ahmed; Zhao, Dongmei **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 147-152, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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### 41. A privacy inference model based on attribute graph

Song, Guangchen (Shaanxi Normal University, School of Computer Science, Xi'an, China); Zhou, Yihui; Liu, Hai; Wen, Ge; Ren, Ping'an **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 97-101, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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#### 42. Authentic gate entry system (AuthGES) by using LBPH for smart home security

Bhatarai, Krishna Prasad (Division of Information and Electronics Engineering, Muroran Institute of Technology, Muroran, Hokkaido, Japan); Gautam, Bishnu Prasad; Sato, Kazuhiko **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 191-196, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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#### 43. A blockchain-based decentralized cloud resource scheduling architecture

Zhu, He (College of Computer Science and Engineering, Xi'an University of Technology, China); Wang, Yichuan; Hei, Xinhong; Ji, Wenjiang; Zhang, Li **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 324-329, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

**Database:** Compendex

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#### 44. Construction of a class of linear codes with two weights

Lv, Hongxia (College of Mathematics and Statistics, Northwest Normal University, Lanzhou, China); Du, Xiaoni; Li, Xiaodan **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 362-365, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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#### 45. On the delivery probability study in mobile ad hoc networks

Yang, Bin (School of Computer and Information Engineering, Chuzhou University, Chuzhou; 239000, China); Wu, Zhenqiang; Ma, Lisheng; Fan, Yuanyuan **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 133-136, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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#### 46. Intelligent routing algorithm based on deep belief network for multimedia service in knowledge centric VANETs

Zhang, Tao (Beijing University of Posts and Telecommunications, State Key Laboratory of Networking and Switching Technology, Beijing; 100876, China); Chen, Xingyan; Xu, Changqiao **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 1-6, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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#### 47. Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018

**Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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#### **48. An optimized content uploading scheme for D2D communications underlying cellular networks**

Liu, Xiaolan (School of Systems Information Science, Future University Hakodate, Hokkaido; 041-8655, Japan); Ma, Lisheng; Jiang, Xiaohong **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 182-186, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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#### **49. Lattice based authenticated key exchange with universally composable security**

Zhong, Yan-Tao (Research Center, Shenzhen NST Technology Co. Ltd, Shenzhen, China) **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 86-90, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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#### **50. A differential privacy preserving framework with nash equilibrium in genome-wide association studies**

Han, Ziwei (Shaanxi Normal University, School of Computer Science, Xi'an, China); Liu, Hai; Wu, Zhenqiang **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 91-96, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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#### **51. A novel terminal security access method based on edge computing for IoT**

Chen, Songlin (EPRI, China Southern Power Grid Co. Ltd., Guangzhou, China); Jiang, Yixin; Wen, Hong; Liu, Wenjie; Chen, Jie; Lei, Wenxin; Xu, Aidong **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 394-398, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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#### **52. Least-unavailability path selecting algorithm based on RBF for disaster-survivable software-defined optical networks**

Zhao, Guozhu (School of Computer and Information Engineering, ChuZhou University, China); Ma, Lisheng; Jiang, Xiaohong **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 175-181, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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#### **53. The trust-based access control model in the wireless sensor network**

Jing-Tarur, Luo (State Grid Sichuan Economic Research Institute, Planning and Review Center, Chengdu, China); Shi-Ying, Yao; Ji-Jun, Gou; Qi-Yang, Xu **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 112-116, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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#### **54. Capacity of 3D MANETs under packet redundancy and receiver probing**

Wang, Wu (School of Mathematics and Computer Science, Yunnan Minzu University, Kunming, China); Yang, Bin; Wang, Xin; She, Yumei; Shen, Shikai **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 164-168, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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#### **55. Enhancement of supermarket business and market plan by using hierarchical clustering and association mining technique**

Rokaha, Bhagawan (Wakkanai Hokusei Gakuen University, Wakabadai 1-2290-28, Wakkanai, Hokkaido, Japan); Ghale, Dhan Prasad; Gautam, Bishnu Prasad **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 384-389, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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#### **56. SLAT: Sub-trajectory linkage attack tolerance framework for privacy-preserving trajectory publishing**

Liu, Xiangwen (Jiangsu University, School of Computer Science and Communication Engineering, Zhenjiang, China); Wang, Liangmin; Zhu, Yuquan **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 298-303, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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#### **57. L4S: Low-speed software synergetic sampling and detecting long flow for data center network**

Tan, Li-Zhuang (School of Electronics and Information Engineering, Beijing Jiaotong University, Beijing, China); Su, Wei; Gao, Shuai; Cheng, Peng **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 169-174, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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#### **58. Lung nodule detection via 3D U-net and contextual convolutional neural network**

Zhao, Chen (College of Computer Science and Technology, Xi'an University of Posts and Telecommunications, Xi'an, China); Han, Jungang; Jia, Yang; Gou, Fan **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 356-361, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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## 59. Adaptive differential privacy interactive publishing model based on dynamic feedback

Lu, Laifeng (Guizhou Provincial Key Laboratory of Public Big Data, Guizhou University, Guiyang; 550025, China); Li, Yanping; Zhou, Yihui; Tian, Feng; Liu, Hai **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 218-222, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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## 60. High-reception-rate transmission by dynamic scheduling for wireless body area networks

Yeh, Wei-Ting (National Taiwan Ocean University, Computer Science and Engineering, Keelung, Taiwan); Chao, Chih-Min; Wang, Cong-Xiang **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 58-62, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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## 61. Anomalies detection of routers based on multiple information learning

Li, Teng (School of Computer Science, Xidian University, Shaanxi, China); Ma, Jianfeng; Pei, Qingqi; Shen, Yulong; Sun, Cong **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 206-211, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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## 62. A method for test cases reduction in web application testing based on user session

Wang, Shuyan (Xi'an University of Posts Telecommunications, School of Computer Science Technology, Xi'an, China); Wu, Wentao; Sun, Jiase **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 378-383, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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## 63. True random number generation using process scheduling of android systems

Song, Pengfei (Xidian University, School of Cyber Engineering, Xi'an; 710071, China); Zeng, Yong; Liu, Zhihong; Ma, Jianfeng; Liu, Huichuan **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 304-309, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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## 64. A privacy-preserving incentive mechanism on multi-bid crowdsourced spectrum sensing

Dong, Xuewen (Xidian University, School of Computer Science Technology, Xi'an; 710071, China); Zhang, Tao; Li, Guangxia; Lu, Di; Tian, Balin **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 7-13, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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## 65. Modified cooperative bait detection scheme for detecting and preventing cooperative blackhole and eavesdropping attacks in MANET

Umar, Mubarak (Department of Computer Science, Bayero University Kano, Kano, Nigeria); Sabo, Abdulrashid; Tata, Auwal A. **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 121-126, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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## 66. Joint user scheduling for ODFMA-based multi-cell networks

Jabeen, Shahida (Department of Electrical and Computer Engineering, University of Waterloo, Waterloo; ON, Canada); Ho, Pin-Han **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 232-236, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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## 67. Privacy-utility trade-off of K-subset mechanism

Zhou, Yihui (School of Computer Science, Shaanxi Normal University, Xi'an, China); Song, Guangchen; Liu, Hai; Lu, Laifeng **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 212-217, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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## 68. Visual tracking algorithm based on improved kernelized correlation filters

Zhang, Futao (School of Computer Science and Technology, Shaanxi Key Laboratory of Network Data Intelligent Processing, Xi'an University of Posts and Telecommunication, Xi'an, China); Wang, Zhongmin **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 337-343, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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## 69. Enhancing carrier frequency offset authentication via fractal dimension

Li, Xufei (School of Computer Science and Technology, Xidian University, China); Zeng, Shuiguang; Tong, Wei **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 137-142, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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## 70. A novel virtual sensor management scheme for manufacturing network

Gao, Cong (Xi'an University of Posts and Telecommunications, School of Computer Science and Technology, Xi'an, China); Tian, Zhenzhou; Chen, Yanping; Wang, Zhongmin **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 29-35, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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## 71. Research on data-driven industrial internet solutions

Xia, Hong (Xi'an University of Posts and Telecommunications, School of Computer Science, Xi'an, China); Zhao, Jingru; Ma, Xiao; Chen, Yanping; Lv, Hui; Wang, Zhongmin **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 366-371, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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## 72. Exploiting social tie and SIR characteristic for cooperative jamming: A game model in a two-layer network

Gao, Yan (Xidian University, School of Cyber Engineering, Xi'an; 710071, China); Zeng, Yong; Liu, Zhihong; Ma, Jianfeng; Xiao, Yeqiu **Source:** *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*, p 74-79, February 21, 2019, *Proceedings - 2018 International Conference on Networking and Network Applications, NaNA 2018*

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## 1. Disaster-aware dynamic routing for sdn-based active-active data center networks

Zhang, Wenhao (Future University Hakodate, Hakodate, Japan); Ma, Lisheng; Jiang, Xiaohong **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 160-165, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 2. An intelligent cyberspace defense architecture based on elastic resource infrastructure and dynamic container orchestration

Chen, Jianfeng (China Electronic Technology Cyber Security Co.,Ltd, Cyberspace Security Key Laboratory of Sichuan, Province Cyberspace Security Technology Laboratory of CETC, Sichuan, China); Liu, Jie; Sun, Zhi; Li, Chunlin; Hu, Chunhui **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 235-240, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 3. A detailed simulation study of the push-based protocol for critical data dissemination in vehicular named data networks

Yaqub, Muhammad Azfar (School of Computer Science &engineering, Kyungpook National University, Daegu; 41566, Korea, Republic of); Ahmed, Syed Hassan; Kim, Dongkyun **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 191-195, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 4. Research on pricing mechanism and security of digital currency

Zhu, Xiaohan (Beijing Information Science &technology University, BISTU, China); Lu, Xiang; Wu, Shaobo **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 325-331, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 5. An abnormal transaction detection mechanism on bitcoin

Yang, Lingxiao (School of Computer Science and Technology, Xidian University, Xi'an; 710071, China); Dong, Xuewen; Xing, Siyu; Zheng, Jiawei; Gu, Xinyu; Song, Xiongfei **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 452-457, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 6. An efficient privacy-preserving bidirectional friends matching scheme in mobile social networks

Li, Tong (School of Cyber Engineering, Xidian University, Xian, China); Li, Xiaoqing; Liu, Xuefeng **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 51-57, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 7. Reconfigurable pseudo-random number generator based on cellular automata

Chi, Jie (School of Telecommunications Engineering, Xidian University, Xi'an Shanxi; 710071, China); Dong, Li-Hua; Zeng, Yong **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 268-273, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 8. Detection method on the privacy leakage for composite services

Zhu, Xinghui (School of Computer Science and Technology, Xidian University, Xi'an; 710071, China); Pan, Chaojie; Zheng, Lele; Sun, Junshuai **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 415-420, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 9. Cloud computing task scheduling based on improved differential evolution algorithm

Gao, Chenyang (School of Cyber Engineering, Xidian University, Xi'an; 710071, China); Ma, Jianfeng; Shen, Yulong; Li, Teng; Li, Fei; Gao, Yuelin **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 458-463, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 10. Data privacy quantification and de-identification model based on information theory

Zhang, Zeyu (State Key Laboratory of Public Big Data, College of Computer Science and Technology, Guizhou University, Guiyang; 550025, China); Lu, Zhiyang; Tian, Youliang **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 213-222, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 11. A monotone detection algorithm to mitigate ISI for molecular communications based on drift diffusion

Wang, Xinlei (Network Informaton Center, Xian Aeronautical Univery, Xian, China); Wu, Zhenqiang; Liu, Bo **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 374-378, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 12. Secure communication in two-hop buffer-aided networks with limited packet lifetime

Liao, Xuening (School of Computer Science, Shaanxi Normal University, Xi'an, China); Zhang, Yuanyu; Liu, Bo; Wu, Zhenqiang **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 102-106, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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### 13. Lightweight security authentication mechanism towards UAV networks

Li, Teng (School of Cyber Engineering, Xidian University, Shaanxi, China); Ma, Jianfeng; Feng, Pengbin; Meng, Yue; Ma, Xindi; Zhang, Jiawei; Chenyang, Gao; Lu, Di **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 379-384, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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### 14. Multimedia service distribution optimization in edge cloud networks

Jiang, Cuili (Department of Computer Technology and Applications, Qinghai University, Xining; 810016, China); Cao, Tengfei; Liu, Zhiqiang; Wang, Xiaoying; Zhang, Shanjun **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 64-69, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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### 15. Energy-efficiency in cache-enabled mmwave cellular networks

Mei, Haoran (School of Computer Science and Engineering, Kyoungpook National University, Daegu; 41566, Korea, Republic of); Zhao, Qiang; Peng, Limei **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 107-112, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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### 16. An integrity protection scheme based on binary multi-granularity incremental tree for embedded computing platform

Yang, Pengfei (School of Computer Science and Technology, Xidian University, Xi'an, China); Huang, Jiayang; Mi, Xin; Wan, Bo **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 437-445, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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### 17. A fast algorithm for solving a kind of gauss hypergeometric functions in wireless communication based on pfaff transformation

Cai, Jianping (College of Information and Smart Electromechanical Engineering, Xiamen Huaxia University, Xiamen, China); Chen, Mingming; Zhang, Shuangyue; Hong, Chengxi; Lu, Yuehong **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 85-89, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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### 18. Mobility-aware gradient routing algorithm for flying ad hoc networks

Li, Jun (School of Computer and Information, Anhui Polytechnic University, Wuhu; 241000, China) **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 129-134, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 19. Data backup in geo-distributed data center networks under time and budget constraints

Ma, Lisheng (Chuzhou University, Chuzhou; 239000, China); Yang, Bin **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 155-159, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 20. Comparison of neural networks' performance in early screening of autism spectrum disorders under two MRI principles

Zhang, Mingkang (School of Cyber Engineering, Xidian University, Xi'an, China); Ma, Yanbiao; Zheng, Linan; Wang, Yuanyuan; Liu, Zhihong; Ma, Jianfeng **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 338-343, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 21. A blockchain-based access control scheme for smart grids

Zhou, Yuyang (School of Computer Science and Engineering, University of Electronic Science and Technology of China, Chengdu; 611731, China); Guan, Yuanfeng; Zhang, Zhiwei; Li, Fagen **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 368-373, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 22. Ripple: An efficient runtime reconfigurable P4 data plane for multicore systems

Wu, Xiaoban (University of Massachusetts Lowell, United States); Li, Peilong; Miskell, Timothy; Wang, Liang-Min; Luo, Yan; Jiang, Xiaohong **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 142-148, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 23. An optimal resource allocation mechanism in vehicular MEC systems

Hong, Gaofeng (School of Electronic and Information Engineering, Beijing Jiaotong University, Beijing; 100044, China); Wen, Qili; Su, Wei; Wu, Penglei **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 34-38, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 24. Monitoring of E-learning system servers using the MariaDB galera cluster

Bhatarai, Krishna Prasad (Graduate School of Engineering, Muroran Institute of Technology, Muroran, Hokkaido, Japan); Visai, Khamvila; Ito, Ryohei; Sato, Kazuhiko; Gautam, Bishnu Prasad **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 296-301, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 25. Space-power adaptive interference steering

Li, Zhao (School of Information Engineering, Eurasia University, Xi'an, China); Long, Ke; Tian, Yanan; Li, Xiaohong; Xiao, Liyuan; Ding, Jiamin; Liu, Jia **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 9-14, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 26. Bio-inspired nanorouter mobility model for energy efficient data collection in intrabody nanonetwork

Fahim, Hamza (School of Electronics and Information Engineering, Xi'an Jiaotong University, Xi'an, China); Li, Wei; Javed, Shumaila; Javed, Farhana **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 124-128, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

**Database:** Compendex

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## 27. Virtual machine memory forensics method for xenserver platform

Zhang, Shuhui (Qilu University of Technology, Shandong Academy of Sciences, Shandong Comp. Sci. Center, Natl. Supercomputer Ctr. in Jinan, Shandong Prov. Key Lab. of Comp. Networks, Jinan; 250014, China); Wang, Lianhai; Xu, Lijuan; Xu, Shujiang; Han, Xiaohui; Yang, Shumian **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 302-308, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 28. A time-based bi-objective virtual machine placement algorithm in cloud computing platform

Yang, Pengfei (School of Computer Science and Technology, Xidian University, Xi'an, China); Tian, Yumin; Fan, Lu; Zhou, Fanhui; Huang, Jiayang **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 332-337, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 29. Trust-PBFT: A peertrust-based practical byzantine consensus algorithm

Tong, Wei (Shaanxi Key Laboratory of Network and System Security, Xidian University, Xi'an, China); Dong, Xuewen; Zheng, Jiawei **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 344-349, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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### 30. Pseudonym changing for vehicles in VANETs: A game-theoretic analysis based approach

Zhao, Ziwen (Fujian Provincial Key Laboratory of Network Security and Cryptology, Mathematics and Informatics Department, Fujian Normal University, Fuzhou, China); Ye, Ayong; Meng, Lingyu; Zhang, Qiang **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 70-74, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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### 31. A topology based differential privacy scheme for average path length query

Dong, Tong (School of Cyber Engineering, Xidian University, China); Zeng, Yong; Liu, Mengli; Liu, Zhihong; Ma, Jianfeng; Zhu, Xiaoyan **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 350-355, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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### 32. Taichi: Signal dodging and interference guiding

Xiao, Liyuan (School of Information Technology, Northwest University, Xi'an, China); Li, Zhao; Zhen, Lu; Zhang, Bigui; Xu, Yang; Liu, Jia **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 39-44, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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### 33. Edge weight differential privacy based spectral query algorithm

Zhou, Lingjie (School of Cyber Engineering, Xidian University, China); Zeng, Yong; Liu, Yang; Liu, Zhihong; Ma, Jianfeng; Zhu, Xiaoyan **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 259-267, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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### 34. Adaptive differential privacy of character and its application for genome data sharing

Liu, Hai (Guizhou Provincial Key Laboratory of Public Big Data, Guizhou University, Gui Yang, China); Wu, Zhenqiang; Peng, Changgen; Lei, Xiujuan; Tian, Feng; Lu, Laifeng **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 429-436, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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### 35. Exploiting temporal correlation mechanism for energy efficient data collection in intrabody nanonetworks

Javaid, Shumaila (School of Computer Science, Shaanxi Normal University, Xi'an, China); Fahim, Hamza; Liao, Xuening; Javed, Farhana **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 119-123, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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### 36. Protecting security-sensitive data using program transformation and intel SGX

Faree, Anter (School of Computer Science and Technology, Xidian University, Xi'an; 71007, China); Wang, Yongzhi

**Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 421-428, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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### 37. Partial-equivalence: A semantic strategy in service composition and modeling

Ma, Shiyang (School of Computer Science and Technology, Xidian University, Xi'an; 710071, China); Dong, Xuewen;

Zheng, Jiawei; Yang, Xiaozhou; Liu, Qihang **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 403-408, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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### 38. Another analysis of a synchronizing stream cipher combining LFSR and FCSR

Zhang, Li (No.722 Research Institute of CSIC, Wuhan; 430205, China); Wang, Chunhong; Pei, Tao; Zeng, Yong

**Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 309-312, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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### 39. Security mechanisms to provide convoy member co-presence authentication in vehicle platooning

Yang, Lin (School of Cyber Engineering, Xidian University, Xi'an, China); Liu, Zhihong; Zeng, Yong; Mei, Shijia; Ma,

Jianfeng **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 58-63, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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### 40. A fuzzy string matching scheme resistant to statistical attack

Sun, Junshuai (School of Computer Science and Technology, Xidian University, Xi'an, China); Ma, Jianfeng; Quan,

Jiao; Zhu, Xinghui; Chih-Lin, I. **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 396-402, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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### 41. Incentive mechanism for data uploading in mobile crowdsensing

Liu, Xiaolan (School of Computer and Information Engineering, Chuzhou University, Chuzhou, Anhui; 239000,

China); Wang, Wu; Yang, Bin; Fan, Yuanyuan **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 391-395, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

**Database:** Compendex

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#### 42. A recurrent Gaussian process regression model with composite kernel for industrial process quality prediction

Chen, Yanping (School of Computer Science and Technology, Xi'an University of Posts and Telecommunications, Xi'an; 710121, China); Gao, Cong; Yang, Weihui; Wang, Zhongmin; Yu, Zhong; Xia, Hong **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 229-234, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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#### 43. An automatic signature-based approach for polymorphic worms in big data environment

Wang, Fangwei (Lab of Network and Information Security of Hebei Province, Hebei Normal University, Shijiazhuang, China); Yang, Shaojie; Zhao, Dongmei; Wang, Changguang **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 223-228, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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#### 44. Time-aware dummy-based privacy protection for continuous LBSs

Niu, Jun (State Key Laboratory of Integrated Services Networks, Xidian University, Xian; 710071, China); Zhu, Xiaoyan; Shi, Lei; Ma, Jianfeng **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 15-20, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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#### 45. A semantic-based dummy generation strategy for location privacy

Zhao, Muyu (State Key Laboratory of Integrated Services Networks, Xidian University, Xian; 710071, China); Zhu, Xiaoyan; Niu, Jun; Ma, Jianfeng **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 21-26, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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#### 46. QoS-aware path finding and load balancing in service-composition

Dong, Xuewen (School of Computer Science and Technology, Xidian University, Xi'an; 710071, China); Liu, Qihang; Lu, Di; Ma, Shiyang; Zheng, Jiawei **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 409-414, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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#### 47. Secure spatial query with differentially private access pattern

Tian, Feng (School of Computer Science, Shaanxi Normal University, Xian, Shaanxi; 710062, China); Wu, Zhenqiang; Liu, Hai; Lu, Laifeng; Gui, Xiaolin **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 385-390, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

**Database:** Compendex

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#### 48. Adaptive N-gram model based differentially private trajectory synthesis method

Liu, Huichuan (School of Cyber Engineering, Xidian University, Xi'an, China); Zeng, Yong; Liu, Zhihong; Ma, Jianfeng; Zhu, Xiaoyan **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 356-361, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

**Database:** Compendex

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#### 49. A game theoretical analysis of risk adaptive access control for privacy preserving

Ding, Hongfa (College of Mathematics and Statistics, State Key Laboratory of Public Big Data, Guizhou University, Guiyang; 550025, China); Peng, Changgen; Tian, Youliang; Xiang, Shuwen **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 253-258, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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#### 50. Finding an optimum set of roles in a CPAC model

Kabir, Enamul (School of Agricultural, Computational and Environmental Sciences, University of Southern Queensland, Toowoomba; QLD; 4350, Australia); Sun, Lili; Wang, Hua **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 27-33, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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#### 51. A differential privacy preserving approach for logistic regression in genome-wide association studies

Han, Ziwei (School of Computer Science, Shaanxi Normal University, Xi'an, China); Lu, Laifeng; Liu, Hai **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 181-185, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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#### 52. Personalized recommendation for cold-start users via cluster-level latent feature model

Qiao, Hui (School of Computer Science and Technology, Xidian University, Xi'an; 710071, China); Liu, Yangyang; Dong, Xuewen; Lu, Di **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 290-295, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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#### 53. Efficient hierarchical data access control for resource-limited users in cloud-based e-health

Zhang, Jiawei (School of Cyber Engineering, Xidian University, Xian, China); Ma, Jianfeng; Ma, Zhuo; Lu, Ning; Yang, Yanbo; Li, Teng; Wei, Dawei **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 319-324, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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#### 54. A hybrid intrusion detection system in industry 4.0 based on ISA95 standard

Alem, Salwa (University Bretagne Sud, Lab-STICC (Lab. des Sci. et Techniques de l'Information de la Communication et de la Connaissance), Lorient, France); Espes, David; Martin, Eric; Nana, Laurent; De Lamotte, Florent **Source:** *Proceedings of IEEE/ACS International Conference on Computer Systems and Applications, AICCSA, 2019- November, November 2019, 16th ACS/IEEE International Conference on Computer Systems and Applications, AICCSA 2019*

**Database:** Compendex

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#### 55. Inferring private attributes based on graph convolutional neural network in social networks

Tian, Yupan (School of Computer Science, Shaanxi Normal University, China); Niu, Yang; Yan, Jun; Tian, Feng

**Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 186-190, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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#### 56. An automatic crisis information recognition model based on BP neural network

Yang, Li (School of Computer Science and Technology, Xidian University, Xi'an, China); Wang, Jiaxue; Guo, Huihui;

Ma, Jianfeng **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 446-451, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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#### 57. A hypertension risk prediction model based on BP neural network

Zhao, Huanhuan (Institute of Intelligent Machines, Chinese Academy of Sciences, Hefei, China); Ma, Zuchang; Sun,

Yining **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 464-469, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

**Database:** Compendex

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#### 58. Emotional analysis based on dynamic functional brain network

Wang, Zhongmin (Shaanxi Key Laboratory of Network Data Analysis and Intelligent Processing, Xi'an University of

Posts and Telecommunications, Xi'an Shaanxi; 710121, China); Tong, Yue; Heng, Xia **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 202-207, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

**Database:** Compendex

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## 59. Network intrusion detection based on selective ensemble learning

Du, Hongle (School of Mathematics and Calculator Application, Shangluo University, Shangluo, Shannxi, China); Lin, Zhang; Yan, Zhang **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 166-170, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 60. Network anomaly detection based on cooperative semi-supervised support vector machine

Zhang, Lin (School of Mathematics and Computer Application, Shangluo University, Shangluo Shaanxi, China); Du, Hongle; Zhang, Yan **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 171-180, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 61. Location privacy protection in mobile social networks based on I-diversity

Li, Hongtao (College of Mathematics & computer Science, Shanxi Normal University, Linfen; 041000, China); Gong, Linxia; Guo, Feng; Miao, Quanli; Wang, Jie; Zhang, Wenyin **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 274-281, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 62. Rapid data evacuation based on zone risks for large-scale disasters in software-defined optical networks

Zhao, Guozhu (School of Computer and Information Engineering, ChuZhou University, China); Ma, Lisheng; Zhao, Shenghui **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 362-367, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 63. On the connectivity of highly dynamic wireless sensor networks in smart factory

Gao, Cong (School of Computer Science and Technology, Xi'an, China); Wang, Zhongmin; Chen, Yanping **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 208-212, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 64. Research on resolution limit of community detection in location-based social networks

Wang, Longfei (School of Cyber Engineering, Xidian University, Xi'an; 710071, China); Zeng, Yong; Li, Yixin; Liu, Zhihong; Ma, Jianfeng; Zhu, Xiaoyan **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 90-95, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 65. Detecting data race in network applications using static analysis

Qi, Dongsheng (School of Computer Science and Technology, University of Science and Technology of China, Hefei; 230027, China); Gu, Naijie; Su, Junjie **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 313-318, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 66. RBDR: A distributed routing algorithm in high mobility UAV network

Pi, Wenchao (State Key Laboratory of Networking and Switching Technology, Beijing University of Posts and Telecommunications, Beijing, China); Hao, Hao; Yang, Shujie; Liao, Yong; Xu, Changqiao **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 45-50, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 67. Order aware service recovery algorithm in elastic optical network with multiple failures

Li, Shu (Beijing University of Posts and Telecommunications, Beijing; 100876, China); Gu, Rentao; Zhang, Geng; Wang, Yanan; Wang, Yang; Ji, Yuefeng **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 135-141, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 68. Sonum: Software-defined optimal network utilization mechanism for long flow scheduling in data center networks

Yu, Kun (College of Computer, Jingchu University of Technology, Jingmen, China); Tan, Li-Zhuang; Wu, Xiao-Jin; Su, Wei **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 149-154, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

**Database:** Compendex

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## 69. Improved siamese network for video-based person re-identification

Wang, Zhongmin (Shaanxi Key Laboratory of Network Data Analysis and Intelligent Processing, Xi'an University of Posts and Telecommunications, Xi'an, shaanxi; 710121, China); Cai, Lanlan; Duan, Na; Fan, Lin **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 247-252, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 70. Enhanced BAN-GZKP: Optimal zero knowledge proof based scheme in body area networks

Umar, Mubarak (School of Computer Science, Shaanxi Normal University, Xian, China); Liao, Xuening; Chen, Jiawang **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 96-101, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

**Database:** Compendex

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## 71. Service stochastic optimization with energy constraint over UAV-assisted network

Xiao, Han (State Key Laboratory of Networking and Switching Technology, Beijing University of Posts and Telecommunications, Beijing; 100876, China); Cao, Tengfei; Yang, Shujie; Zhong, Lujie; Liao, Yong; Xu, Changqiao

**Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 75-80, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 72. Bitstream protocol classification mechanism based on feature extraction

Wang, Wei (Science and Technology on Communication, Information Security Control Laboratory, No.36 Research Institution of CETC, China); Bai, Binbin; Wang, Yichuan; Hei, Xinhong; Zhang, Li

**Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 241-246, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 73. Delay prediction and abnormal detection for hybrid cloud based on GBDT

Li, Man (School of Electronics and Information Engineering, Beijing Jiaotong University, Beijing, China); Su, Wei; Gao, Shuai; Tan, Li-Zhuang

**Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 196-201, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 74. An improved mobile charging algorithm for wireless sensor networks

Yu, Hongli (College of Computer and Information Engineering, Chuzhou University, Chuzhou, China); Yang, Bin; Liu, Jinjun; Wang, Tao

**Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 113-118, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 75. Collective influence based privacy preservation for social networks

Liu, Mengli (School of Cyber Engineering, Xidian University, China); Zeng, Yong; Liu, Yikai; Liu, Zhihong; Ma, Jianfeng; Zhu, Xiaoyan

**Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 282-289, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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## 76. Secrecy capacity analysis in D2D-enabled cellular networks under power control

Zhang, Miaofei (School of Computer and Information Engineering, Chuzhou University, Chuzhou; 239000, China); Yang, Bin; Zhao, Shenghui; Ma, Lisheng

**Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 81-84, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

**Database:** Compendex

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## 77. Analysis of influence maximization algorithm in hub-sparse structure social network

Xuanyuuan, Minzheng (College of Information Science and Engineering, Henan University of Technology, Henan, China); Xiao, Le; Yang, Weidong **Source:** *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*, p 1-8, October 2019, *Proceedings - 2019 International Conference on Networking and Network Applications, NaNA 2019*

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