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Program

S1: Technical Papers

Energy Efficient Dynamic Bandwidth Allocation for Ethernet Passive Optical Networks

Abhishek Dixit (University of Ghent & IBBT, Belgium); Bart Lannoo (Ghent University - iMinds, Belgium); Didier Colle (iMinds - Ghent University, Belgium); Mario Pickavet (Ghent University - iMinds, Belgium); Piet Demeester (Ghent University - iMinds, Belgium)

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Should ISPs Adopt Hybrid CDN-P2P in IP-over-WDM Networks: An Energy-Efficiency Perspective?

Uttam Mandal (University of California, Davis, USA); Christoph Lange (Deutsche Telekom AG, Germany); Andreas Gladisch (Deutsche Telekom AG, Germany); Biswanath Mukherjee (University of California, Davis, USA)

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intelliSENSE: Location-Based Wi-Fi Sensing for Energy Efficiency in Smart Mobile Devices

Saigopal Thota (University of California, Davis, USA); Raghu Anantharangachar (HP Labs, India); Sudhir Dixit (HP Labs India, India); Biswanath Mukherjee (University of California, Davis, USA)

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Impairment-Aware Lightpath Provisioning in Mixed Line Rate Networks

Haydar Cukurtepe (Istanbul Technical University & Researcher at UC Davis, Turkey); Massimo Tornatore (Politecnico di Milano & University of California, Davis, Italy); Aysegul Yayimli (Istanbul Technical University, Turkey); Biswanath Mukherjee (University of California, Davis, USA)

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Simplifying network management using Software Defined Networking and OpenFlow

Adrian Lara (UNL, USA); Anisha Kolasani (University of Nebraska-Lincoln, USA); Byrav Ramamurthy (University of Nebraska-Lincoln, USA)

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Performance of 10G-EPON in Streaming IPTV

Partha Bhaumik (University of California, Davis, USA); Abu Ahmed S. Reaz (University of California, Davis, USA); Biswanath Mukherjee (University of California, Davis, USA)
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A New Protection Scheme for a Combined Ring-Star Based Hybrid WDM/TDM PON Architecture

Anirban Kanungoe (IIT Kharagpur, India); Rabi Das (IIT Kharagpur, India); Ratul Banerjee (Indian Institute of Technology Kharagpur, India); Goutam Das (IIT Kharagpur, India)
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Link Datarate Based Admission Control in Wireless Networks

Krishnan Narendran (IIT Madras & Midas Communication Technology, India); R M Karthik (Samsung India Software Operations, India); Krishna M. Sivalingam (Indian Institute of Technology Madras, India)
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Detection of Spectrum Congestion in Cognitive Radio Ad Hoc Networks

Lijun Qian (Prairie View A&M University, USA); CaLynna Sorrells (Prairie View A&M University, USA); Xiangfang Li (Texas A&M University, USA); Deepak Kataria (IPJunction Inc, USA)
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Identity driven Capability based Access Control (ICAC) scheme for the Internet of Things

Parikshit Narendra Mahalle (Aalborg University, Denmark); Bayu Anggorojati (Aalborg Universitet, Denmark); Neeli Rashmi Prasad (Center for TeleInFrastructure (CTIF), Denmark); Ramjee Prasad (Aalborg University, Denmark)
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Supporting Dual-Mode Forwarding in Content-Centric Network

Ravishankar Ravindran (Huawei & Huawei, USA); Guoqiang Wang (Huawei, USA); Xinwen Zhang (Huawei, USA); Asit Chakraborti (Huawei, USA)
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A Dynamic Agreement Framework for Trading of Wireless Services

Ayan Paul (BSNL, India); Swarup Mandal (Wipro Technologies Limited, India); Madhubanti Maitra (Jadavpur University, India); Samir Sadhukhan (IIM Calcutta, India); Utkarsh Tiwari (Jadavpur University, India); Vivek Agrawal (Jadavpur University, India)
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Pedestrian Tracking Algorithm in NLOS Environments

Chirag Gupta (Indian Institute of Technology Kanpur (IIT Kanpur), India); Deepanjan Biswas (National Institute of Technology Karnataka, India)
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On the Construction of Load-Balanced (k,r-hop)- Connected Dominating Set for WSNs

Tarek Moulahi (ENIS, SFAX, Tunisia); Herve Guyennet (University de Franche Comté, France); Salem Nasri (Ecole Nationale d'Ingénieurs de Monastir, Tunisia); Hajlaoui Rjab (University of Sfax, Saudi Arabia)
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Saket Chawla (Space Research Organization & Indian Space Research ORganization, India); Manoj Bs (Indian Institute of Space Science and Technology & California Institute of Telecommunication and IT, India)
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On Detecting CTS Duration Attacks Using K-means Clustering in WLANs

Vishal Rajyaguru (SDSU, USA); Bheemarjuna Reddy Tamma (IIT Hyderabad, India); Manoj Bs (Indian Institute of Space Science and Technology & California Institute of Telecommunication and IT, India); Mahasweta Sarkar (San Diego State University, USA)

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Mohammad Faisal (Bangladesh University of Engineering and Technology (BUET), Bangladesh); Md. Hasan Rahman (Bangladesh University of Engineering and Technology (BUET), Bangladesh)

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Layer 2 Security for Smart Grid Networks

Narayana Raju Indukuri (Alcatel-Lucent India Limited & Alcatel-Lucent India Limited, India)

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Hema Kale (Nagpur university, India); Chandrashekhara G. Dethe (Priyadarshini Institute of Engineering and Technology, India); Milind Mushrif (Nagpur University, India)

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Path Planning Algorithms for Mesh Networked Robots based on WiFi Geo-location

Siddharth Srivastava (Indian Institute of Space Science and Technology, India); Manoj Bs (Indian Institute of Space Science and Technology & California Institute of Telecommunication and IT, India)

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Two Tier Cluster Based Data Aggregation (TTCDA) in Wireless Sensor Network

Dnyaneshwar Mantri (Aalborg University, Denmark); Neeli Rashmi Prasad (Center for TeleInfrastructure (CTIF), Denmark); Ramjee Prasad (Aalborg University, Denmark); Shingo Ohmori (CTIF-Japan, Aalborg University & YRP International Alliance Institute, Japan)

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Supporting Tuple Space based Mobile Middleware over Unreliable Mobile Infrastructures: Design and Formal Specifications

Sudhasil De (Indian Institute of Technology Guwahati, India); Suchetana Chakraborty (Indian Institute of Technology Guwahati, India); Sukumar Nandi (Indian Institute of Technology, Guwahati, India); Diganta Goswami (IIT Guwahati, India)

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Shubhranshu Singh (ITRI, Taiwan); Kuei-Li Huang (ITRI, Taiwan); Bao-Shuh Lin (National Chiao Tung University, Taiwan)
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Chirag Gupta (Indian Institute of Technology Kanpur (IIT Kanpur), India); Kapil Singh (IIT Kanpur, India); Dheeraj Sanghi (Indian Institute of Technology Kanpur, India)
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Pankaj Kumar Gupta (IIT Kharagpur, India); Parul Saraswat (Indian Institute of Technolgy, Kharagpur, India)
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