

### Conference Program

| 17:00-18:00, Thursday, January 08, 2015 |

Short Presentation 1: Reliability and Performance 17:00-18:00, Thursday, January 8, 2015		Room: CASABLANCA
		Session Chairs: Donghee Shin, Eiad Yafi
S1-1	<b>Speeding Up of Genetic Algorithm for Network Topology Optimization with Use of Cumulative Updating of Network Reliability</b> Kseniya A. Nechunaeva ( <i>ICM&amp;MG SB RAS, Russia</i> ), Denis A. Migov ( <i>ICM&amp;MG SB RAS, Russia</i> )	
S1-2	<b>Enhanced Centroid Localization of Wireless Sensor Nodes Using Linear and Neighbor Weighting Mechanisms</b> G.-A. Lusilao Zodi ( <i>Polytechnic of Namibia, Namibia</i> ), Gerhard P. Hancke ( <i>University of Pretoria, South Africa</i> ), Gerhard J. Hancke ( <i>University of London, England</i> ), Antoine B. Bigoro ( <i>University of Western Cape, South Africa</i> )	
S1-3	<b>Modeling Grouped Failures in Network Reliability Analysis</b> Stepan Khapugin ( <i>Novosibirsk State University, Russia</i> ), Alexey S. Rodionov ( <i>ICM&amp;MG SB RAS, Russia</i> )	
S1-4	<b>Performance Analysis of Small-Cell Base Station with Cellular and WiFi RATs</b> Young Min Kwon ( <i>Sungkyunkwan University, Korea</i> ), Syed Tariq Shah ( <i>Sungkyunkwan University, Korea</i> ), Min Young Chung ( <i>Sungkyunkwan University, Korea</i> ), JaeSheung Shin ( <i>Electronics and Telecommunications Research Institute, Korea</i> ), Ae-Soon Park ( <i>Electronics and Telecommunications Research Institute, Korea</i> )	
S1-5	<b>Software Defined Optical Switching for Cloud Computing Transport Systems</b> Taras Maksymyuk ( <i>Korea University, Korea</i> ), Stepan Dumych ( <i>Lviv Polytechnic National Univeristy, Ukraine</i> ), Olena Krasko ( <i>Lviv Polytechnic National Univeristy, Ukraine</i> ), Minh Jo ( <i>Korea University, Korea</i> )	
S1-6	<b>Cooperative Caching for Adaptive Bit Rate Streaming in Content Delivery Networks</b> Phuong Luu Vo ( <i>International University-VNUHCM, Vietnam</i> ), Tuan-Anh Le ( <i>University of Thudaomot, Vietnam</i> ), Choong Seon Hong ( <i>Kyung Hee University, Korea</i> ), Seung Il Moon ( <i>Kyung Hee University, Korea</i> ), Sungwon Lee ( <i>Kyung Hee University, Korea</i> ), Nga Ly Tu ( <i>International University-VNUHCM, Vietnam</i> )	
S1-7	<b>A Novel Watermarking Scheme for Image Authentication in Social Networks</b> Thien Huynh-The ( <i>Hochiminh City University of Technology and Education, Vietnam</i> ), Oresti Banos ( <i>Kyung Hee University, Korea</i> ), Sungyoung Lee ( <i>Kyung Hee University, Korea</i> ), Yongik Yoon ( <i>Sookmyung Women's University, Korea</i> ), Thuong Le-Tien ( <i>Hochiminh City University of Technology and Education, Vietnam</i> )	
S1-8	<b>Correlated Subgraph Search for Multiple Query Graphs in Graph Streams</b> Kisung Park ( <i>Kyung Hee University, Korea</i> ), Yongkoo Han ( <i>Kyung Hee University, Korea</i> ), Tae ho Hur ( <i>Kyung Hee University, Korea</i> ), Young-Koo Lee ( <i>Sungkyunkwan University, Korea</i> )	
S1-9	<b>A New Hybrid Algorithm for Software Fault Localization</b> Jeongho Kim ( <i>Sungkyunkwan University, Korea</i> ), Jonghee Park ( <i>Sungkyunkwan University, Korea</i> ), Eunseok Lee ( <i>Sungkyunkwan University, Korea</i> )	
S1-10	<b>Implementation of High Speed Processor for Computing Convolution Sum for DSP Applications</b> P. Saha ( <i>Dept. of ECE NIT Meghalaya, India</i> ), D. Kumar ( <i>Dept. of CSE NIT Meghalaya, India</i> ), A. Sharma ( <i>Dept. of C.A NIT Durgapur, India</i> )	
S1-11	<b>Integer Division Technique for Signal Processing Applications</b> D. Kumar ( <i>Dept. of CSE NIT Meghalaya, India</i> ), A. Sharma ( <i>Dept. of C.A NIT Durgapur, India</i> ), P. saha( <i>Dept. of ECE NIT Meghalaya, India</i> )	
S1-12	<b>Minimizing Consistency-Control Overhead with Rollback-Recovery for Storage Class Memory</b> Hyun Ku Lee ( <i>Sungkyunkwan University, Korea</i> ), Junghoon Kim ( <i>Sungkyunkwan University, Korea</i> ), Dong Hyun Kang ( <i>Sungkyunkwan University, Korea</i> ), Young Ik Eom ( <i>Sungkyunkwan University, Korea</i> )	