MILCOM 2014

TRACK 5 – SELECTED TOPICS IN COMMUNICATION – Monday 6 October 2014

Session Code	Session Title	Time	Paper Title	Authors	Session Chair
STC–1	Anti–Access Communication	9:00 AM	Performance Analysis of Concatenated Convolutional Codes for STBC Systems in Pulse Jamming	Sungjoon Park; Wayne Stark	
		9:25 AM	Performance Impact of Imperfect CSI on Spatial Hiding Anti–Jam Communications	Chowdhury Shahriar; Chad A Cole; T. Charles Clancy	
		9:50 AM	Wideband High Frequency (WBHF) for Anti–Access Area–Denial (A2AD) Environments	James A Stevens; Lizy Paul; Timothy Snodgrass; Randy Nelson	
		10:35 AM	Optimal Jamming using Delayed Learning	SaiDhiraj Amuru; Michael Buehrer	
		11:00 AM	Jamming Beamforming: A New Attack Vector in Jamming IEEE 802.11ac Networks	Gaurav Patwardhan; David Thuente	
		11:25 AM	Digital RF memory jamming on OFDM SISO	Olivier Bilodeau–Robitaille; Francois Gagnon	
STC–2	Scheduling	2:00 PM	Exploiting Frequency Groups for Broadcasting in Multi–Channel Multi–Radio Networks	Stephen Dabideen; Ram Ramanathan; William Dron; Alice Leung	
		2:25 PM	Graph–based and QoS Guaranteed Spectrum Allocation for Dense Local Area Femtocell Networks	Wang Yuanjie; Zhenhui Tan	
		2:50 PM	Feedback Reduction for Queue–aware Coordinated Multi–user Scheduling in Small–cell Networks	Hongxin Wei; Xiaofeng Zhong; Ming Zhao; Yang Yan; Shidong Zhou	
		3:35 PM	Improved Round–Robin User Scheduling for Two–Hop ZF MIMO Relay Systems	Haijing Liu	
		4:00 PM	Proportional Fairness grouped pairing scheduling for VMIMO uplink in Femtocell systems	Danish Ilyas; Imran Rashid	
		4:25 PM	Cluster Information based User Scheduling for Multiuser MIMO Systems	Xueru Li; Shidong Zhou; Yang Yan; Zhiqing Xiao; Wang Jing	

TRACK 5 – SELECTED TOPICS IN COMMUNICATION – Tuesday 7 October 2014

Session Code	Session Title	Time	Paper Title	Authors	Session Chair
STC–3	Cooperative communications & computing	9:00 AM	Precoder Detection for Cooperative Decode–and–Forward Relaying in OFDMA systems	Abhijit Kiran Valluri; Richard J La; Mark Shayman	
		9:25 AM	On the Ergodic Secrecy Rate of Cooperative Decode–and–Forward Relay Networks	Philip Adebo; Eyidayo Adebola; Annamalai Annamalai	
		9:50 AM	Alamouti–based Schemes for Full–Duplex Two–Way Relay Networks	Gaoli Bi; Hui Gao; Tiejun Lv; Wenqing Wang	
		10:35 AM	Improving the Ergodic Capacity of Wireless Networks Using Opportunistic Relays	Philip Adebo; Eyidayo Adebola; Annamalai Annamalai	
		11:00 AM	Opportunistic Peer–to–Peer Mobile Cloud Computing at the Tactical Edge	Wei Gao	
STC–4	Socio–cognitive factors in communication systems	2:00 PM	Technology diffusion and military users: Perceptions that predict adoption	Harry D. Tunnell, IV	
		2:25 PM	Dynamics of Uncertain Opinions in Social Networks	Jin–Hee Cho; Ananthram Swami	
		2:50 PM	On Critical Event Observability using Social Networks: A Disaster Monitoring Perspective	DongAnh Nguyen; Tarek Abdelzaher; Steven A. Borbash; Xuan–Hong Dang; Raghu Ganti; Ambuj Singh; Mudhakar Srivatsa	
		3:35 PM	Representing Uncertainty in CE	Ping Xue; David H Mott; Stephen R Poteet; Anne Kao; Cheryl Giammanco	
		4:00 PM	Mission Assurance through Requirements Traceability	Christopher Williams	

TRACK 5 – SELECTED TOPICS IN COMMUNICATION – Wednesday 8 October 2014

Session Code	Session Title	Time	Paper Title	Authors	Session Chair
STC–5	Enabling technolgies for wireless networks	9:00 AM	Location Security – Where to Enforce ?	Saritha Arunkumar; Mudhakar Srivatsa; Muttukrishnan Rajarajan	
		9:25 AM	LPI/LPD Detection Sensitivity Limitations	Robert B Dybdal; Keith Soo Hoo	
		9:50 AM	Multisensor Modulation Classification (MMC) implementation considerations – USRP case study	Svetlana Foulke; Jithin Jagannath; Andrew Drozd; Thakshila Wimalajeewa; Pramod Varshney; Wei Su	
		10:35 AM	An Energy–efficient Wireless Information and Power Transfer System with Multiple Antennas in Wireless Sensor Networks	Jun Chen; Thomas Pratt	
		11:00 AM	TV Band Radio Environment Mapping in Beijing	Yajian Huang; Xiao Yan; Kai Chen; Hao Zhou; Yifan Zhang; Zhiyong Feng	
		11:25 AM	Iterative Clipping for PAPR Reduction in Visible Light OFDM Communications	Zhenhua Yu; Robert John Baxley; G. Tong Zhou	
STC–6	Satellite communications	2:00 PM	Interoperability of Incompatible Polarization Satellite Assets: A Wavefront Multiplexing Approach	Donald Chang; Joe Lee; Tzer–Hso Lin	
		2:25 PM	Coexistence Analysis Between IMT–Advanced System and Fixed Satellite Service System	Chenxi Su; Xianghui Han; Xiao Yan; Qixun Zhang; Zhiyong Feng	
		2:50 PM	Microterminal–Based High Data Rate GEO Satellite Communication for Rotor Wing Aircraft	Lin–Nan Lee; Victor Liau; Wayne Marhefka; Rajeev Gopal	
		3:35 PM	Effect of Platform Dynamics on Aerial Layer Network Performance	Devanshu Mehta; Bishwaroop Ganguly	