

2011 Australasian Telecommunication Networks and Applications Conference (ATNAC 2011)

**Melbourne, Australia
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Wednesday 9th Nov 2011

8:30 Am – Registration Desk open
9:30 – 10.30 Am – Keynote Speech (Prof. Ben Gavish)
Session I : Green Computing 10:30 – 11:30

1	A Green Scheduler for Enterprise WLANS '223 <i>Kwan-Wu Chin</i>
2	A Green and Secure Authentication for the 4th Generation Mobile Network '226 <i>Lili GU, Mark A Gregory</i>
3	Green MPLS Traffic Engineering '233 <i>Hon-Wai Chu, Chi-Chung Cheung, Kin-Hon Ho, and Ning Wang</i>
Session II : Ad Hoc Networks , 10:30 – 12:30	
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2	DES-Chan: A Framework for Distributed Channel Assignment in Wireless Sensor Networks '243 <i>Felix Juraschek; Mesut Gunes; Matthias Philipp, Bastian Blywis, Oliver Hahm</i>
3	A Novel Distributed Content Replication and Placement Scheme for Wireless Mesh Networks '249 <i>Zakwan Al-Arnaout, Qiang Fu, Marcus Frean</i>
4	MAR: Message-Aware Routing for Opportunistic Wireless Ad Hoc Networks '255 <i>Ming li, Longxiang Gao, Wanlei Zhou</i>
5	Experiences from the MANIAC Challenge '25; <i>Felix Juraschek, Heiko Will, Mesut Guenes, Jochen H Schiller</i>
6	Vertical Handoff Decision and Network Merit for Integrated Wireless and Mobile Networks '267 <i>Sunisa Kunarak, Raungrong Suleesathira</i>
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Session III : OFDM and MIMO Systems 13:30 – 15:30	
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2	Hierarchical DWT Based Optimal Diversity Power Allocation for Video Transmission in MIMO Wireless Systems with Quantized Feedback '276 <i>Sohil Mahajan, Aditya Jagannatham</i>
3	Optimal Subcarrier Allocation for H.264 based Scalable Video Transmission in 4G OFDMA systems '283 <i>Shreyans Parakh, Aditya Jagannatham</i>
Session IV : Wireless Communications 13:30 – 15:30	
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2	A Packet Scheduling Scheme for 4G Wireless Access Systms Aiming to Maximize Revenue for the Telecom Carriers '296 <i>Hussain Mohammed, PJ Radcliffe</i>
3	Impact of MAC Parameters on the Performance of IEEE 802.15.4 MAC protocol with ACK Frame Transmission '2: 2 <i>Sumudu Wijetunge, Upul Gunawardana, Ranjith Liyanapathirana</i>
4	High Performance Distributed Coordination Function with QoS Support in IEEE 802.11E Networks '2: : <i>Yeong-Sheng Chen, Min-Yen Chuang, Fan-Chun Tseng, Chih-Heng Ke</i>
5	A Survey on Backbone Formation Algorithms for Wireless Sensor Networks '2; 6 <i>Asgarnezhad</i>

Afternoon Coffee Break 15:30 - 16:00	
Session V : Emerging Networks I 16:00 – 17:00	
1	Rate Partitioning for Optimal Qunatization Parameter Selection in H.264 (SVC) Based 4G Broadcast/Multicast Wireless Video Communication '2; : <i>Nitin Khanna, Aditya Jagannatham</i>
2	IP Storage and Stored Contend Management Using SIP Presence Server with XML Database '327 <i>Yoshihiro Nomoto, Yutaka Shibashi</i>
3	An Efficient Approach to Detecting Concept-Evolution in Network Data Stream '333 <i>Sarah M Erfani, Sutharshan Rajasegarar, Christopher Leckie</i>
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2	Impulsive Noise Reduction of a Narrowband Power Line Communication Using Optimal Nonlinearity Technique '346 <i>Mehdi Korki, Nasser Hosseinzadeh, Hai L Vu, Taleb Moazzeni, Chuan Heng Foh</i>
3	Exact Performance Analysis of Multihop Relying Systems Operating in Co-Channel Interference Using the Generalized Transformed Characteristic Function '34: <i>Norman C Beaulieu, Kasun T Hemachandra</i>
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5	Automated Micro-Wave(MW) Antenna Alignment of Base Transceiver Stations '3: 8 <i>Ahmad Hassan</i>

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