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Place: Ballroom

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Time: Tuesday, September 2, 2008, 10:30 - 12:00

Place: Phoenician

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Place: Carthaginian

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Time: Tuesday, September 2, 2008, 14:00 - 15:30

Place: Roman

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Time: Tuesday, September 2, 2008, 14:00 - 15:30

Place: Castillian

Chair: Cyril Spiteri Staines, *University of Malta, Malta*

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| Place: | St. George's Bay |
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Time: Tuesday, September 2, 2008, 14:00 - 15:30

Place: Carthaginian

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Place: Ballroom

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Time: Tuesday, September 2, 2008, 16:00 - 17:30

Place: Roman

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Time: Tuesday, September 2, 2008, 16:00 - 17:30

Place: Phoenician

Chair: Cem Goknar, *Dogus University, Turkey*

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Time: Tuesday, September 2, 2008, 16:00 - 17:30

Place: Castillian

Chair: Franco Maloberti, University of Pavia, Italy

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B3L-E Photonics and Sensors

Time: Tuesday, September 2, 2008, 16:00 - 17:30
Place: St. George's Bay
Chair: Joseph Micallef, *University of Malta, Malta*

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Place: Carthaginian

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C4P-G Communication Circuits, Versatile Networks and Power Systems

Time: Wednesday, September 3, 2008, 09:30 - 10:30

Place: Bay Foyer

Chair: Ivan Grech, *University of Malta, Malta*

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Time: Wednesday, September 3, 2008, 10:30 - 12:00

Place: Roman

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Place: Castillian

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Place: St. George's Bay

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Place: Phoenician

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Time: Wednesday, September 3, 2008, 13:00 - 14:30

Place: Castillian

Chair: Jeff Reeve, *University of Southampton, UK***Construction of the Cyclic Block-Type LDPC Codes for Low Complexity Hardware****Implementation** **1187***Kuang-Hao Lin, Robert C. Chang, Chien-Lin Huang, National Chung Hsing University; Sheng-Dong Wu, ALi Corporation***A Novel Approach to Grid Sensor Networks** **1191***Duminda A. Dewasurendra, Peter H. Bauer, University of Notre Dame***Performance Evaluation of Compensation/Reward Mechanism for Resource Allocation in Wireless Networks.....** **1195***Jamila Bhar, Ridha Ouni, Salem Nasri, EμE laboratory***A Fault Diagnosis Mechanism for a Proactive Maintenance Scheme for Wireless Systems.....** **1201***Barbara Walsh, Centre for Telecommunications Value-Chain Research; Ronan Farrell, National University of Ireland, Maynooth***UWB Direct Chaotic Transceiver for Wireless Sensor Networks.....** **1205***Alexander Dmitriev, Institute of Radio Engineering and Electronics; Anton Laktushkin, Institute of Radio Engineering and Electronics; Yury Andreyev, Andrey Kletsov, Lev Kuzmin, Vladimir Sinyakin, Moscow Institute of Physics and Technology*

C2L-E Data Converter Design and Test Issues

Time: Wednesday, September 3, 2008, 13:00 - 14:30

Place: St. George's Bay

Chair: Eric Bruun, *Technical University of Denmark, Denmark***A Frequency Based Digital Background Calibration Technique for Pipelined ADCs 1209***Armin Jalili, Sayed Masoud Sayedi, Rasoul Dehghani, Ebrahim Farshidi, Isfahan University of Technology***A Flexible Algorithmic ADC for Wireless Sensor Nodes 1213***Martin Gustafsson, Ana Rusu, Mohammed Ismail, Royal Institute of Technology; Harald Neubauer, Johann Hauer, Fraunhofer Institute for Integrated Circuits***An A/D Converter Based on Pulse Width Modulation and the Walsh-Hadamard Transform 1217***Luis Hernandez, Susana Paton, Enrique Prefasi, Carlos III University***The Impact of Dielectric Relaxation on Sigma Delta-Modulators 1221***Jeroen De Maeyer, AMI-Semiconductor***Efficient Testing of Sigma-Delta A/D Converters 1225***Drago Strle, University of Ljubljana*

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Place: Ballroom

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Time: Wednesday, September 3, 2008, 15:00 - 16:30

Place: Roman

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Place: Phoenician

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C3L-D Design Automation and Test IV

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Place: Castillian

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C3L-E Implementation of DSP

Time: Wednesday, September 3, 2008, 15:00 - 16:30
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