

**URSI/IEEE
XXVIII Convention on Radio Science &
IV Finnish Wireless Communication Workshop
PROGRAM**

Thursday, 16 October 2003

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| 08.00 - 09.15 | Registration & coffee Place: Saalastinsali, Päärakennus (taksi 4) | |
| 09.15 - 10.00 | Opening Session Place: Saalastinsali, Päärakennus 09.15 Opening 09.30 Carlos Pomalaza-Ráez, prof. of Electrical Engineering Purdue University, Indiana, USA: <i>“Media Access and Routing Protocols for Power Constrained Ad Hoc Networks”</i> | |
| 10.10 - 11.50 | <p>Session A1 Place: Saalastinsali Chair: “NETWORKS” 10.10 A1.1: J. Haapola 10.30 A1.2: L. Leppänen 10.50 A1.3: T. Hautala 11.10 A1.4: M. Huttunen 11.30 A1.5: I. M. Suliman</p> | <p>Session B1 Place: TS101, Tietotalo Chair: “RF & MICROWAVES” 10.10 B1.1: I. Teikari 10.30 B1.2: V. Kondratyev 10.50 B1.3: A. Asp 11.10 B1.4: M. Leinonen 11.30 B1.5: V. S. Möttönen</p> |
| 11.50 - 13.00 | Lunch | |
| 13.00 - 15.00 | <p>Session A2 Place: Saalastinsali Chair: “COMMUNICATIONS” 13.00 A2.1: S. Koivu 13.20 A2.2: S. Siltala 13.40 A2.3: A. Tenhunen 14.00 A2.4: N. R. Veselinovic 14.15 A2.5: H. Puska 14.30 A2.6: P. Pirinen 14.45 A2.7: T. Kuusisto</p> | <p>Session B2 Place: TS101, Tietotalo Chair: “RADIO CHANNEL & SIGNAL DETECTION” 13.00 B2.1: J. Lehtomäki 13.20 B2.2: S. Aromaa 13.40 B2.3: T. Jämsä 14.00 B2.4: E. Kunnari 14.15 B2.5: E. Kunnari 14.30 B2.6: J. Vartiainen 14.45 B2.7: J. Vartiainen</p> |

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Thursday, 16 October 2003 (Continued)

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| 15.00 - 15.30 | Coffee | |
| 15.30 - 17.30 | <p>Session A3 Place: Saalastinsali Chair: "UWB"</p> <p>15.30 A3.1: L. Stoica 15.50 A3.2: J. Rajamäki 16.10 A3.3: U. Celentano 16.30 A3.4: M. Hämäläinen 16.45 A3.5: S. Tiuraniemi 17.00 A3.6: R. Tesi 17.15 A3.7: A. Rabbachin</p> | <p>Session B3 Place: TS101, Tietotalo Chair: "REMOTE SENSING"</p> <p>15.30 B3.1: J. Kainulainen 15.50 B3.2: J. Voutilainen 16.10 B3.3: J. Praks 16.30 B3.4: E. Rinne 16.50 B3.5: J. Raitala 17.10 B3.6: M. Eskelinen</p> |
| 18.00 - 22.00 | <p>Banquet Place: Technology Park</p> | |

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Friday, 17 October 2003

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|---------------|---|---|
| 08.30 - 09.00 | Place: Saalastinsali, Päärakennus (taksi 4) 08.30 Markku Lehtinen, prof. of Sodankylä Geophysical Observatory, Finland: <i>“Searching Space Depris with EISCAT Radars”</i> | |
| 09.10 - 10.30 | <p>Session A4 Place: Saalastinsali Chair: “WCDMA & OFDM”</p> <p>09.10 A4.1: J. Ylitalo 09.25 A4.2: J. Ylitalo 09.40 A4.3: A. Abouda 09.55 A4.4: A. Abouda 10.10 A4.5: K. Hiltunen</p> | <p>Session B4 Place: TS101, Tietotalo Chair: “ELECTROMAGNETIC THEORY”</p> <p>09.10 B4.1: M. Elmusrati 09.30 B4.2: L. Jylhä 09.50 B4.3: A. Viitanen 10.10 B4.4: P. Ikonen</p> |
| 10.30 - 10.45 | Coffee | |
| 10.45 - 12.15 | <p>Session A5 Place: Saalastinsali Chair: “MIMO”</p> <p>10.45 A5.1: M. Ritamäki 11.00 A5.2: P. Pasanen 11.15 A5.3: O. Tirkkonen 11.30 A5.4: Z. Li 11.45 A5.5: M. Vehkaperä 12.00 A5.6: N. Veselinovic</p> | <p>Session B5 Place: TS101, Tietotalo Chair: “ANTENNAS”</p> <p>10.45 B5.1: J. Paunonen 11.00 B5.2: M. Multanen 11.15 B5.3: A. Colliander 11.30 B5.4: J. Lemmetyinen 11.45 B5.5: J. Ala-Laurinaho 12.00 B5.6: L. Ukkonen</p> |
| 12.20 - 12.30 | Best URSI/FWCW young writer award & closing Place: Saalastinsali | |

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- A1.1: J. Haapola: *NanoMAC: a Distributed MAC Protocol for Wireless Ad Hoc Sensor Networks*
- A1.2: L. Leppänen, J. Prokkola, T. Bräysy: *Performance of Ad Hoc Network Under Pareto Distributed Traffic Model*
- A1.3: T. Hautala, J. Lehtomäki, T. Bräysy, J. Mäkelä: *Performance of Mobile IPV6 with Multiple Simultaneous Handovers*
- A1.4: M. Huttunen, Z. Shelby: *Wireless Embedded Networking with a Gateway Architecture*
- A1.5: I. M. Suliman, J. Saloranta, T. Bräysy: *Experiences and Measurements with Multi Hop Wireless Network Using AODV Routing Protocol*
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- B1.4: M. Leinonen: *Process Capability Index Usage as a Quality Metric of Digital Modulation Receiver*
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- A2.2: S. Siltala, S. Heikkilä: *SLVA Decoding with Unequal Error Protection*
- A2.3: A. Tenhunen, S. Siltala: *Bit Error Sensitivities of MELP and MELPe Speech Codecs in Sense of Speech Quality*
- A2.4: N. R. Veselinovic, M. J. Juntti: *Comparison of Robust Turbo Decoders for Diversity Reception*
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