

EMBEDDED TECHNIQUES AND SERVICES FOR WIRELESS COMMUNICATION NETWORKS (WiCoNet)

Programme Patras, July 20 – 26, 2009

Monday, July 20, 2009

Morning Session, (Room: EL1 main Building)

09.00-10.30: Exploiting the Department of Electrical & Computer Engineering

10.30-11.00: Visit to the Museum of Science & Technology

11.00-11.30: Coffee break

11.30-12.30: Wireless Channel Characterization and Diversity Techniques (Chairman Prof. S. Kotsopoulos)

12.30-14.00: Lunch at *PARKO TIS IRINIS*

Afternoon Session (Room: Wireless Telecommunication Laboratory)

14.30-18.00: Dynamic Channel Allocation in Cellular Networks” and Field test measurements and RF modeling

Tuesday, July 21, 2009

Morning Session, (Room: EL1 main Building)

09.00-12.30: All-IP Network Architectures and Wireless Evolution (Chairman Prof. T. Dagiuklas)

12.30-14.00: Lunch at *PARKO TIS IRINIS*

Afternoon Session (Room: Wireless Telecommunication Laboratory)

14.30-18.00: Introduction to OPNET Modeler 14.0 and Implementation of Wireless Communication Networks

Wednesday, July 22, 2009

Morning Session, (Room: EL1 main Building)

09.00-12.30: Design of Current Communications Systems and Future Trends (Chairman Prof. D. Toumpakaris)

12.30-14.00: Lunch at *PARKO TIS IRINIS*

Afternoon Session (Room: Wireless Telecommunication Laboratory)

14.30-18.00: Resource Allocation in wireless systems employing OFDMA

Programme for teachers

Discussion about final report of the project, Future collaboration and Lunch at Nafpaktos

Thursday, July 23, 2009

Morning Session, (Room: EL1 main Building)

09.00-12.30: Electromagnetic Compatibility for Wireless Networks (Chairman Lect. S. Koulouridis)

12.30-14.00: Lunch at *PARKO TIS IRINIS*

Afternoon Session (Room: Wireless Telecommunication Laboratory)

14.30-18.00: Fairness – aware resource allocation for MISO downlink over frequency selective channels

Friday, July 24, 2009

Morning Session, (Room: EL1 main Building)

09.00-12.30: Invited speakers

12.30-14.00: Lunch at *PARKO TIS IRINIS*

Afternoon Session (Room: EL1 main Building)

14.30-18.00: Evaluation & Test and closing session

Saturday, July 25, 2009

12.00-20.00: Trip to the Place of the Olympic Games’ Birth, Ancient Olympia

20.30-23.00: Farewell Party at the Pavlina Hotel at Niforeika Achaia

Sunday, July 26, 2009

Transport to Athens and Return to home

Suggestions for Students’ free time: visit the city of *Nafpaktos*, walking on the Bridge *Rion-Antirion* (<http://www.gefyra.gr/en/index.php>), taking the nightseeing boat from *Molos Agiou Nikolaou* (every Fri-Sat-Sun 00.00-02.00 cruise trip for taking pictures of the bridge), visit Cathedral *Agios Andreas* (http://en.wikipedia.org/wiki/Agios_Andreas_Patras) and the castle of the old city of Patras (http://en.wikipedia.org/wiki/Patras_Castle), swimming at the Rio and/or Kastellokampos Beach.