

Standing Committee for Physical and Engineering Sciences (PESC)
ESF/PESC EXPLORATORY WORKSHOP

Workshop Coordinators

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Workshop Local Organization

IIT Institute – Segreteria Scientifica:

Adriana Lazzaroni (coordination)
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Workshop Venue

The workshop will be held at Hotel Cinque Terre in Monterosso al Mare (La Spezia, Italy) one of the famous Cinque Terre.

Hotel Cinque Terre
Via IV Novembre 21
Monterosso al Mare - La Spezia (Italy)
Tel +39 0187 817543
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Cinque Terre means "five lands" i.e. the five villages. The biggest village of Cinque Terre is Monterosso al Mare. It has a beach, also castle and a 17th century monastery containing some valuable works of art. It is the most touristic of the villages.

IS MOBILE AD HOC NETWORKING PART OF THE FUTURE OF MOBILE NETWORKING IN EUROPE?

MONTEROSSO AL MARE

LA SPEZIA – ITALY

10-12 ottobre 2002

Workshop Program

10 October 2002

15.00 – 15.30

Registration and Welcome

15.30 – 16.00

Session 1: *Standardization of Ad Hoc Networking*

L. Feeney, *Progress report on the IETF MANET Working Group*, Swedish Institute of Computer Science, Sweden

16.00 - 16.30 Coffee Break

16.30 - 18.00

Session 2: *Technologies for Ad Hoc Networking: WLAN and WPAN*

M. Conti, *Introduction to WLAN and WPAN*, Italian National Research Council (CNR) - IIT Institute, Italy

R. Bruno, *Scatternet formation protocols for Bluetooth networks*, Italian National Research Council (CNR) - IIT Institute, Italy

C. Hoene, *An Experimental Approach to WLAN Research - A Short Tutorial*, Technische Universität Berlin, Germany

E. Borgia, *Experiments with 802.11*, Italian National Research Council (CNR) - IIT Institute, Italy

20.30

Social dinner



co-sponsored by
Istituto di Informatica e Telematica del CNR



11 October 2002

09.00 – 10.30

Session 3: Ad Hoc Networking

- A. Vaios, I. Stavrakakis, *Ad hoc routing extensions in WLANs*, University of Athens, Greece
S. Palazzo, *Grouping operations in self-organizing ad-hoc networks*, Università di Catania, Italy
C. Tschudin, *On serious limits and simple principles for ad hoc routing*, Uppsala University, Sweden

10.30 - 11.00 Coffee Break

11.00 – 13.00

Session 4: Cooperation and Security in Ad Hoc Networking

- P. Michiardi, *Cooperation Enforcement in Mobile Ad Hoc Network*, Institut Eurécom, Sophia-Antipolis, France
S. Buchegger, *Selfishness, Malice, and Slander in Mobile Ad-hoc Networks*, IBM Zurich Research Laboratory, Switzerland
N. Ben Salem, *Stimulation for Cooperation in Ad Hoc Networks*, Swiss Federal Institute of Technology, Lausanne (EPFL), Switzerland

13.00 – 15.00 Lunch

15.00 – 16.30

Session 5: Ongoing Mobile Ad Hoc Projects in Europe

- M. Mauve, *FleetNet Vehicular Ad-Hoc Networks*, Universität Mannheim, Germany
S. Giordano, *Terminodes: self-organised ad hoc networks*, Swiss Federal Institute of Technology, Lausanne (EPFL), Switzerland
E. Gregori, *VICOM*, Italian National Research Council (CNR) - IIT Institute, Italy

16.30 - 17.00 Coffee Break

17.00 – 18.30

Session 6: Ongoing Mobile Ad Hoc Projects in Europe

- H. Karl, *Making sensor networks useful: Distributed services in sensor networks*, Technisches Universität Berlin, Germany
L. Gambardella, *BISON: ants in ad hoc networks*, IDSIA, Switzerland
S. Ostring, *Technical, Economic and Regulatory Aspects of Spectrum Allocation in the Modern Era*, University of Cambridge, United Kingdom

20.30 Social dinner

12 October 2002

09.00 – 10.00

Session 7: Ongoing Mobile Ad Hoc Projects in Europe

- M. Conti, *MobileMAN - an ad hoc network for the citizens*, Italian National Research Council (CNR) - IIT Institute, Italy
R. Kantola, *Service Discovery Integrated with Routing in Ad Hoc Networks*, Helsinki University of Technology, Finland
I. Stavrakakis, A. Vaios, *The Broadway Project : the way to broadband access at 60GHz*, University of Athens, Greece

10.00 – 10.30

Session 7: PESC's Call for Outline Proposals 2002

10.30 - 11.00 Coffee Break

11.00 – 13.00

Panel: "Is Mobile Ad Hoc Networking Part of the Future of Mobile Networking in Europe?"

Discussion and Conclusions

13.00 – 15.00 Lunch



ESF official web site: <http://www.esf.org/>
Workshop web site: <http://www.iit.cnr.it/esf2002/>