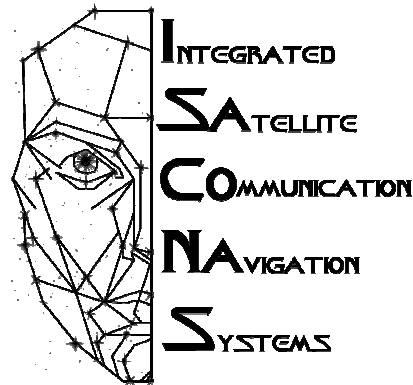




DIPARTIMENTO DI INGEGNERIA ELETTRONICA
Università degli Studi di Roma "Tor Vergata"
Via di Tor Vergata, 110 - 00133 ROMA



ISaCoNaS Summer School

Program at Glance

July 25, 2011 (Monday)

Space Software Italia, Auditorium

in Viale del Lavoro, 101 - 74123 Taranto

9:15 - 9:30 School Opening Ceremony - Welcome Message by **Prof. Marina Ruggieri**

10:45 – 11:00 Coffee Break

9:30- 12:00 *"Satellite Communications for Disaster Management and e-Health"*, **Prof. Marina Ruggieri**, University of

Rome Tor Vergata

12:00 - 13:00 Lunch Break

13:00 – 15:30 *"Swarm Sensor Networks"* **Space Software Italia (SSI)**

July 26, 2011 (Tuesday)

Space Software Italia, Auditorium

in Viale del Lavoro, 101 - 74123 Taranto

9:15- 12:00 *"Digital signal processing in GNSS receivers"*, **Prof. Letizia Lo Presti**, Polytechnic of Turin (10:45 – 11:00

Coffee Break)

12:00 - 13:00 Lunch Break

13:00 – 14:30 *"Added Value Services for Radio Localization"*, **Prof. Vincenzo Di Lecce**, Polytechnic of Bari



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14:30 – 16:00 "*Remote Sensing technologies for the Geomorphology - Terrestrial Laser Scanner techniques applied to evaluation of tsunami inundation*",

Prof. G. Mastronuzzi, Prof. C. Pignatelli, Prof. A. Piscitelli, Prof. M. Milella, Science Faculty, Polytechnic of Bari

16:00 – 20:00 Tour of *Basilica of San Cataldo, Swing Bridge and Museum of Magna Grecia* in Taranto

July 27, 2011 (Wednesday)

Nicotel Pineto, Sala "Il Pineto"

in Castellaneta Marina (TA) in via dei Pini, Sala "Il Pineto"

9:15- 12:00 Dr. Antonio Martellucci (**ESA-ESTEC**) (TBC) (10:45 – 11:00 Coffee Break)

12:00 - 13:00 Lunch Break

13:00 – 15:30 "*Integration of terrestrial and aerospace communications for emergency recovery applications: a case of study and research*" **Dr. Claudio Sacchi**, University of Trento.

15:30 -20:00 *Trulli of Alberobello and Caves of Castellana Grotte* Tour

July 28, 2011 (Thursday)

Nicotel Pineto, Sala "Il Pineto"

in Castellaneta Marina (TA) in via dei Pini, Sala "Il Pineto"

9:15- 12:00 "*SDR receivers for Satellite Navigation*", **Prof. Kai Borre**, University of Aalborg, Denmark (10:45 – 11:00 Coffee Break)

12:00 - 13:00 Lunch Break

13:00 – 15:30 "*Integrated Satellite Communication and Navigation Services for the Automotive Market using S-MIM (S-Band Mobile Interactive Multimedia) Radio Interface*", **Dr. Sandro Scalise**, Head of "Digital Networks"

Department at DLR (German Aerospace Center)

July 29, 2011 (Friday)

in Matera, Centro di Geodesia Spaziale ASI (italian Space Agency)

9:30- 12:00 "Geodesya", **Prof. Franco Vespe** (Italian Space Agency) (10:45 – 11:00 Coffee Break)

12:00 - 13:00 Lunch Break

13:00 – 15:30 "Geodesya", **Prof. Franco Vespe** (Italian Space Agency)



16:00 – 18:30 *Sassi di Matera* Tour



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20:30 – **Social Event: School Banquet in Sassi di Matera**

July 30, 2011 (Saturday)

Nicotel Pineto, Sala "Il Pineto"

in Castellaneta Marina (TA) in via dei Pini, Sala "Il Pineto"

09.30- 12:00 Presentations of Innovative Ideas by Selected Participants (10:45 – 11:00 Coffee Break)

12:00 - 13:00 Lunch Break

13:00- 14:00 Award for the Most Innovative Idea Presented by Students & End of the School with Delivery of Certificates

(2 ECTS for PhD Students)

14:00 – 14:30 School Closing Ceremony

An evaluation test will be carried out at the end of each lesson to release the certification (2 ECTS) at the end of the school.