

The Program

Sunday 27/07/2008

18.00 – 20.00 Welcome Party and Registration

Program from Monday 28/07 to Thursday 31/07, 2008

08.30 – 09.00 Welcome by the organizer (Monday 28/07 only)

09.00 – 11.00 Lecture

11.00 – 11.30 COFFEE BREAK

11.30 – 13.00 Lecture

13.00 – 14.00 LUNCH

14.00 – 15.30 Lecture

15.30 – 16.00 COFFEE BREAK

16.00 – 17.00 Collaborative Test

17.00 – 17.30 Test Correction

Monday July 28, 2008: Prof. Marco Luise, University of Pisa (Italy)

“Topics in Signal Processing for Global Satellite Navigation Systems (GNSS)”

Tuesday July 29, 2008: Dr. Maria Angeles Vazquez Castro, Universitat Autònoma de Barcelona (Spain)

“Game Theory applied to Satellite Systems Design”

Wednesday July 30, 2008: Dr. Petia Todorova, FhG-FOKUS, Berlin (D)

“Call Admission and Handoff Management Schemes for Multimedia LEO Satellite Networks”

Thursday July 31, 2008: Dr. Stefano Chessa, University of Pisa (Italy)

“Sensor Networks and their Interconnection with the wireless world”

Program of Friday August 1st, 2008 THE PhD students “Innovative Ideas” Day

09.00 – 11.00 4 PhD Student Presentations (1/2 hour each)

11.00 – 11.30 COFFEE BREAK

11.30 – 13.00 3 PhD Student Presentations (1/2 hour each)

13.00 – 14.00 LUNCH

14.00 – 16.00 4 PhD Student Presentations (1/2 hour each)

16.00 – 16.30 COFFEE BREAK

16.30 – 17.00 Best “Innovative Idea” Award & Closure of the school

Organized by: CNR-ISTI Institute, Pisa, Italy
Funded by the SATNEX Project (www.satnexus.org)

4th International SatNEX Summer School 2008

funded by the SatNEX project

28 July - 1 August, 2008



**PISA
(Italy)**



Location

CNR Research Area, Pisa (IT)
Via Moruzzi 1, 56124 Pisa, Italy
28/07 - 01/08, 2008



ISTITUTO DI SCIENZA E TECNOLOGIE
DELL'INFORMAZIONE "A. FAEDO"



SatNEX

Satellite Communications Network of Excellence

SatNEX is a Network of Excellence, funded by the European Commission, now in its second phase (first phase 2004-2006; second phase 2006-2009). The SatNEX project, coordinated by the German Aerospace Center (DLR), brings together twenty-three of Europe's foremost Universities and Research Institutions in satellite communications under a single collaborative umbrella. The pan-European nature of the network draws on from across the European Research Area, with representatives from Austria, France, Germany, Greece, Hungary, Italy, Slovenia, Spain, UK, and Netherlands. SatNEX aims to establish critical mass and to allow access to a range of expertise currently distributed across Europe. In this respect, mobility is an important aspect of SatNEX's work, with academic staff and research students being encouraged to move between institutions to allow access to specialised research equipment and to facilitate research integration. For further information please visit www.satnexus.org

SatNEX is pleased to announce the IV annual International Summer School 2008. The Summer School has quickly established itself as one of the flagship events for SatNEX education and training. The school will take place in the week 28 July - 1 August, 2008. The five-day school provides a comprehensive program of advanced technical and scientific lectures, which cover specific areas in satellite communications. Each lecture's day is devoted to a specific argument; at the end of each day the lecturer will propose a test to the attendees, which will allow the PhD students to grant credit for their courses (1 ECTS point). The last day of the school is devoted to a selected number of short presentations by PhD students or young researchers on their current stimulating research activities in satellite communications (Innovative ideas). The most stimulating selected activity will receive a 300 Euros award.

WHO SHOULD ATTEND?

The school is open to anyone interested in satellite communications and is likely to appeal in particular to PhD or postgraduate students, early-stage researchers, graduate engineers. To fully appreciate the technical nature of the courses, a degree in telecommunications engineering or a related subject is recommended. The school is a high-level school; basic knowledge in telecommunications is required.

REGISTRATION

A registration fee of 500 Euros has to be paid by non-SatNEX members to attend the school. The fee is inclusive of coffee breaks, lunches, the social dinner, and the material distributed at the school. Info on the school web site.

School Secretary: Mrs. Daniela Falconetti
daniela.falconetti@isti.cnr.it



Dr. Erina Ferro
CNR-ISTI, Pisa, Italy
School Organizer



Mrs. Daniela Falconetti
CNR-ISTI, Pisa, Italy
School Secretary



Dr. Stefano Chessa
University of Pisa, Italy
Lecturer



Prof. Marco Luise
University of Pisa, Italy
Lecturer



Dr. Petia Todorova
FhG-FOKUS, Berlin, D
Lecturer



Dr. María Angeles
Vázquez Castro
Universitat Autònoma
de Barcelona (Spain)
Lecturer

School Website

Please visit the school website (www.satnexus.org⇒Summer School) for any information relevant to the school (registration, lectures, submission of the innovative ideas, how to reach the location, accommodations in Pisa, etc.).

LOCATION

The school will be hosted in the CNR Research Area of Pisa, Via Moruzzi 1, 56124 Pisa, Italy.

How to reach the location can be found in school web site.

Social Dinner on Wednesday, July 30, 2008