



SATELLITE COMMUNICATIONS
NETWORK OF EXCELLENCE



4th International SatNEx Summer School 2008

July 27th - August 1st, CNR Research Area, Pisa (IT)

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 Organiser (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)

Title: Topics in Signal Processing for Global Satellite Navigation Systems (GNSS)

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

Title: Game Theory applied to Satellite Systems Design

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

Title: Call Admission and Handoff Management Schemes for Multimedia LEO Satellite Networks

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

Title: 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

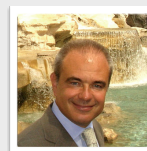
Social Dinner on Wednesday July 30, 2008



Location: CNR-ISTI Institute, CNR Research Area, Via Moruzzi 1, 57124 Pisa (IT)

Funded by the SatNEx Project (www.satnex.org)

THE LECTURERS AND THE ORGANIZERS



Prof. Marco Luise
University of Pisa
Italy
Lecturer



Dr. Maria Angeles Vázquez Castro
Universitat Autònoma de Barcelona
Lecturer



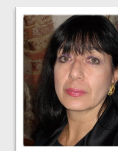
Dr. Petia Todorova
FhG-FOKUS,
Berlin, Germany
Lecturer



Dr. Stefano Chessa
University of Pisa
Italy
Lecturer



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



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

The SatNEx Project and the International Summer School



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 2006-2008). 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.satnex.org

The SatNEx Summer School 2008

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.

Location

The school will be hosted by the CNR Research Area, Via Moruzzi 1, 56124 Pisa (Italy), organized by the CNR-ISTI Institute, member of the SatNEx NoE.

School Website

Please visit the school website (www.satnex.org -> School) for any information relevant to the registration procedure, the abstract of the courses and the bios of the lecturers, the procedure for submitting the innovative ideas, how to reach the school location, the hotel info, etc.

School Secretary

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School Organizer

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