



EUROPEAN ASSOCIATION FOR SIGNAL PROCESSING

EURASIP Seasonal School in Signal Processing

Proposals should be submitted in PDF format by email to the Membership Development Chair, Prof. Ana Isabel Perez-Neira, at ana.isabel.perez@upc.edu by filling this form.

CONTACT PERSON
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TITLE OF THE SCHOOL
Summer School on Radar Signal Processing
VENUE
La Sterpaia, Via La Sterpaia SNC, San Giuliano Terme (PI), Italy
DATES
8/9/2014–12/9/2014 (5 days)
ORGANIZERS (Names, roles, affiliations, link to EURASIP)
Prof. Maria S. Greco, University of Pisa, Dept. of Information Eng, Pisa, Italy EURASIP local liaison Prof. Marco Martorella, University of Pisa, Dept. of Information Eng, Pisa, Italy
SUPPORTING INSTITUTIONS AND PROFESSIONAL SOCIETIES

University of Pisa
TECHNICAL THEME AND MAIN TOPICS
<p>As claimed by the title, this school is focused on radar signal processing. In the morning we plan to have 5 tutorials, didactical and theoretical, delivered by national and international researcher/professors from Academia (University of Naples) and Research Institutions (FHR, ONERA, IREA–CNR, NATO CMRE). In the afternoon 3 tutorial focused on practical implementation delivered by industry representatives (Selex–ES, Tektronix, IDS).</p> <p>The topics will cover many radar applications, from the remote sensing to surveillance, from civil engineering to target classification.</p> <p>Moreover, one afternoon will be dedicated to the presentation of the research activity of the students through a poster session and the last afternoon to the homework/final thesis assignments.</p>
SPEAKERS (Names, affiliations, title of the talk, link to EURASIP)
<p>1 morn.) Dr. Daniel O'Hagan, FHR Bonn, Germany, "Advances on Passive Radars"</p> <p>2 morn.) Dr. Luc Vignaud, ONERA, France, "Introduction to SAR Automatic Target Recognition"</p> <p>3 morn.) Dr. Gianfranco Fornaro, IREA, Napoli, "Introduction to Synthetic Aperture Radar"</p> <p>4 morn.) Prof. Antonio De Maio, University of Naples "Federico II", Naples, Italy, "Cognitive Radars and Waveform Optimization"</p> <p>5 morn.) Dr. Paolo Braca, NATO CMRE, La Spezia, " Multi-sensor Target Tracking: Methodologies and Applications"</p> <p>1 aft.) Dr. Alfonso Farina, Selex–ES (EURASIP Fellow), Rome, "Radar Adaptivity: Antenna Based Signal Processing Techniques"</p> <p>2 aft.) Guido Manacorda, IDS, Pisa, "Radar Design for Civil Engineering Applications"</p> <p>3 aft.) Matt Maxwell, SAPL Product Manager – RTSA, Tektronix, London, UK, "Evolution of spectrum analysis technology to address transient signal behavior in spectrum monitoring, surveillance, EW/Radar/Radio Communications"</p>

KIND OF REQUESTED EURASIP CO-SPONSORSHIP (Regular/Technical)
Regular
SPECIFICATION OF THE PROPOSED FEE STRUCTURE
<p>We have two possible registration types:</p> <p>The regular one that does not include the accommodation, but only breakfast and lunches. The CD of the school lectures is included.</p> <p>The whole package that includes accommodation, breakfast and lunches. Dinners are not included. The CD of the school lectures is included.</p> <p>[If our request of regular sponsorship is accepted by EURASIP, students who are not EURASIP members will pay 30 Euros more to cover their registration to the Society, non-students who are not EURASIP members will pay 50 Euros more to cover their registration to the Society]</p>
STUDENTS' ACCOMMODATION AND LUNCH ARRANGMENTS
<p>For the student accommodation, we negotiated the fee for single or double rooms at the Hotel La Sterpaia, where the school will be held. The lunches and the coffee breaks will be managed by the restaurant of the Hotel.</p>

BUDGET

Item	Price/unit	Units	Total
INCOME			
Student EURASIP non-Member Registrations/full package	700,00 €	10	7000,00€
Student EURASIP non-Member Registrations	200,00 €	15	3000,00 €
Other incomes	0	0	0,00 €
EURASIP contribution	5000,00 €	1	5000,00 €
Total income			15000,00 €
EXPENSE			
Coffee Breaks	100,00 € (25 people)	10	1000,00 €
Lunches	375,00 € (25 people)	5	1875,00 €
Social events	TBD		0,00 €
Materials/internet	2000,00 €		2000,00 €

Student Accommodation	480,00 € (6 nights)	10	4800,00 €	
Space Rental	1500,00 € (5 days)		1500,00 €	
Speakers	3000,00 €		3000,00 €	
EURASIP membership fee	750,00 € (25 student membership fees)		750,00 €	
Total expenses			14925,00 €	