

Lecturers of the Second Algerian Geoscience and Remote Sensing Summer School 2018

Hyperspectral Remote Sensing.



Prof. Yannick Deville was born in Lyon, France, in 1964. He graduated from the Ecole Nationale Supérieure, des Télécommunications de Bretagne (France) in 1986. He received his D.E.A. and Ph.D. degrees, both in Microelectronics, from the University of Grenoble (France), in 1986 and 1989, respectively. From 1986 to 1997, he was a Research Scientist at Philips Research Labs (Limeil, France). His investigations during this period concerned various fields, including GaAs integrated microwave RC active filters, VLSI cache memory architectures and replacement algorithms, neural network algorithms and applications, and nonlinear systems. Since 1997, he has been a Professor at the University of Toulouse (France). From 1997 to 2004, he was with the Acoustics lab of that University. Since 2004, he has been with the Astrophysics lab in Toulouse, which is part of the University but also of the French National Center for Scientific Research (CNRS) and of the Midi-Pyrénées Observatory. His current major research interests include signal and image processing (especially hyperspectral data), higher-order statistics, time-frequency analysis, neural networks, and especially Blind Source Separation and Independent Component Analysis methods and their applications to Remote Sensing, Astrophysics and Quantum Information Processing.



Dr. Mauro Dalla Mura received the laurea (B.E.) and laurea specialistica (M.E.) degrees in telecommunication engineering from the University of Trento, Trento, Italy, in 2005 and 2007, respectively, and the joint Ph.D. degree in information and communication technologies from the University of Trento, and in electrical and computer engineering from the University of Iceland, Reykjavík, Iceland, in 2011. In 2011, he joined Fondazione Bruno Kessler, Trento, as a Research Fellow, conducting research on computer vision. He is currently an Assistant Professor with the Grenoble Institute of Technology, Grenoble, France, where he is conducting his research at the Grenoble Images Speech Signals and Automatics Laboratory. His research interests include remote sensing, image processing, pattern recognition, mathematical morphology, classification, and multivariate data analysis. Dr. Dalla Mura was a recipient of the IEEE GRSS Second Prize in the Student Paper Competition of the 2011 IEEE IGARSS and a co-recipient of the Best Paper Award of the International Journal of Image and Data Fusion during 2012–2013 and the Symposium Paper Award for the IEEE IGARSS 2014. He has been the President of the IEEE GRSS French Chapter since 2016 (he previously served as the Secretary during 2013–2016). In 2017 the IEEE GRSS French Chapter was the recipient of the IEEE GRSS Chapter Award and the “Chapter of the year 2017” from the IEEE French Section. He has been on the Editorial Board of IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing since 2016

Radar Remote Sensing.



Dr. Michele Crosetto holds a civil engineering degree from the Politecnico di Torino (1993) and a doctorate in Topographic and Geodesic Sciences from the Politecnico di Milano (1998). He specialized in Geodesy, Photogrammetry and GIS in Lausanne (EPFL) and Zurich (ETHZ) from 1993 to 1995. He has worked in the Joint Research Centre of the European Commission in Ispra, Italy (January 1999 – July 2000) and as a researcher at the Cartographic Institute of Catalonia. He has formed part of the Institute of Geomatics since 2002, when he began with a “Ramón y Cajal” research contract. Since January 2014 is with CTTC, where now he is head of the Geomatics Division. His main research activity is related to the analysis of spaceborne, airborne and ground-based remote sensing data and the development of scientific and technical applications using active sensor types :Synthetic Aperture Radar (SAR), Real Aperture Radar (RAR) and Laser Scanner

Pattern Recognition



Dr. Yakoub Bazi received the State Engineer and M.Sc. degrees in electronics from the University of Batna, Batna, Algeria, in 1994 and 2000, respectively, and the Ph.D. degree in information and communication technology from the University of Trento, Trento, Italy, in 2005. From 2000 to 2002, he was a Lecturer with the University of M’sila, M’sila, Algeria. From January to June 2006, he was a Postdoctoral Researcher with the University of Trento. From August 2006 to September 2009, he was an Assistant Professor with the College of Engineering, Al-Jouf University, Al-Jouf, Saudi Arabia. He is currently an Assistant Professor with the Computer Engineering department, College of Computer and Information Sciences, King Saud University, Riyadh, Saudi Arabia. Dr. Bazi is a Referee for several international journals. His research interests include machine learning, pattern recognition, and evolutionary computation methodologies applied to remote sensing images and biomedical signal/images (change detection, classification, and active learning). Dr. Bazi is the chair of the IEEE GRSS chapter, Saudi Arabia section and also an associate editor of the IEEE Geoscience and remote sensing letters.

