



Avviso di Seminari

Il Dipartimento di Ingegneria Elettrica e delle Tecnologie dell'Informazione (DIETI) dell'Università degli Studi di Napoli, Federico II, l'Istituto per il Rilevamento Elettromagnetico dell'Ambiente (CNR-IREA) e l'IEEE GRSS South Italy Chapter invitano gli interessati a partecipare al ciclo di seminari tenuto dal

Prof. Mahta Moghaddam

Microwave Systems, Sensors, and Imaging Lab (MiXIL) University of Southern California – IEEE Distinguished Lecturer

Giovedì 2 Maggio 2019, ore 15:00

Medical Thermal Therapy and Monitoring Using Microwave Inverse Scattering

*Dipartimento di Ingegneria Elettrica e delle Tecnologie dell'Informazione (DIETI)
Aula ex-Softel, 1 piano, Edificio 3 - Via Claudio 21, Napoli*

Venerdì 3 Maggio 2019, ore 11:00

Microwave Sensing Through the Subsurface for Addressing the Water Puzzle

*Istituto per il Rilevamento Elettromagnetico dell'Ambiente (CNR-IREA)
Sala Conferenze INGV (piano Terra scala B) - Via Diocleziano 328, Napoli*



Mahta Moghaddam is Professor of electrical engineering at the University of Southern California (USC) Ming Hsieh department of electrical engineering. Until 2011, she was at the University of Michigan. She received the Ph.D. degree in electrical and computer engineering from the University of Illinois, Urbana, in 1991. From 1991 to 2003, she was with the Jet Propulsion Laboratory (JPL), Pasadena, CA. During the past ~25 years of active involvement in environmental remote sensing Dr. Moghaddam has introduced new approaches for quantitative interpretation of synthetic aperture radar imagery. Her most recent contributions include the development of new radar measurement technologies for subsurface and subcanopy characterization, development of forward and inverse scattering techniques for layered random media with rough interfaces, developing sensor web technologies for in-situ environmental sensing, and transforming concepts of radar remote sensing to high-resolution medical imaging. She is a member of the NASA Soil Moisture Active and Passive (SMAP) mission Science Team, member of the Arctic-Boreal Vulnerability Experiment (ABOVE) Science Team, and was the PI for AirMOSS NASA Earth Ventures Suborbital 1 Mission. She is a Fellow of IEEE, Editor-in-Chief of the IEEE Antennas and Propagation Magazine, and a 2016 recipient of the NASA Outstanding Public Leadership Medal for “Outstanding Leadership in Advancement of Microwave Remote Sensing”.

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