

2004 IEEE GOLD REMOTE SENSING CONFERENCE

Programma

**Giovedì 13 maggio 2004**

**Mattina del 13/05/2004. A partire dalle 10:30 Interverranno:**

**Prof. Gennaro Ferrara**

Rettore dell'Università degli Studi di Napoli "Parthenope":

"Saluto del Rettore"

**Prof. Amato Lamberti**

Presidente della Provincia di Napoli

**Prof. Paolo Corona**

Preside della Facoltà di Ingegneria dell'Università degli Studi di Napoli "Parthenope"

"Introduzione"

**Ing. Antonio Rodotà**

Ex Direttore Generale ESA

"Lo scenario Internazionale del Telerilevamento"

**Prof. Giorgio Franceschetti**

University of California Los Angeles

Università degli Studi di Napoli "Federico II"

"Un Occhio Ci Guarda dal Cielo"

**Dott. Guido Salerno**

Fondazione Ugo Bordoni

"Le Prospettive Future per l'Osservazione della Terra"

**Dott. Valerio Perusini**

Telespazio – Osservazione della Terra:

"Telespazio – Servizi e Applicazioni per l'Osservazione della Terra"

**Ing. Luigi Fusco**

ESA

"GMES (Global Monitoring for Environment and Security) e i Servizi Offerti da ESA"

**Dott. Attilio Colagrossi**

Dirigente APAT

"Il Telerilevamento per l'Idrometeorologia: la Partecipazione APAT a Progetti Nazionali e Internazionali"

**Prof. Maurizio Migliaccio**

Università degli Studi di Napoli Parthenope

Chairman del Chapter sul Telerilevamento per il Sud Italia

**Ore 14:00 – 15:30 Pranzo**

## 2004 IEEE GOLD REMOTE SENSING CONFERENCE

### Programma

#### *Sessione 1 Chairman Prof. Daniele Riccio Università degli Studi di Napoli "Federico II"*

*15:30 Nunziata F. : "Polarimetric SAR And Oil Spill Detection"*

*15:40 Comito M. L. : "Radar System in the Cassini Mission"*

*15:50 Racioppoli A. : "Passive Systems for Ocean Remote Sensing"*

*16:00 Dattero V. M. : "Microwave Remote Sensing of Oil slicks in Ocean Environments: Electromagnetic Scattering and SAR Images Simulation"*

*16:10 de Rosa N. : "Scattering from Fractal Surfaces: The Extended Boundary Condition Method"*

*16:20 Dini L. : " Stem Volume Retrieval from SAR Images Acquired At X-Band, P-Band And VHF"*

*16:30 Concluding Remarks*

*16:40 – 17:00 Coffee Break*

#### *Sessione 2 : Chairman Prof. Vito Pascazio Università degli Studi di Napoli "Parthenope"*

*17:00 Gambardella A. : "Microwave Radiometer Spatial Resolution Enhancement"*

*17:10 Spirolazzi V. : "Forest Thematic Classification And Biomass Estimation Using Radar And Optical Data In Yenisey-Zotino Study Site"*

*17:20 Guida R. : "A New Efficient Simulator For Hybrid SAR Raw Signals"*

*17:30 Reppucci A. : "Wind Field Retrieval By Means Of Seawinds Measurements"*

*17:40 Balzarolo M. : "Estimation Of Alpine Pasture Biomass Using Field Radiometric Data: Limit And Application Of Traditional Satellite Data. Study Case: Malga Di Trela, Parco Nazionale Dello Stelvio – Lombardia, Italy"*

*17:50 Concluding Remarks*

**2004 IEEE GOLD REMOTE SENSING CONFERENCE**  
**Programma**

*Venerdì 14 maggio 2004*

*Sessione 3 : Chairman Prof. Maurizio Di Bisceglie Università degli Studi del Sannio*

*09:30 Cutillo L. : "Cloud Detection From Satellite Multispectral Images"*

*09:40 Maestri T. : "Spectral Infrared Analysis Of A Cirrus Cloud Based On ARJES Interferometric Measurements"*

*09:50 Palazzi E. : "PROMSAR: A Multiple Scattering Atmospheric Model For The Interpretation Of DOAS Measurements"*

*10:00 Carissimo A. : "PCA Approach To The Inversion Of High Spectral Resolution Infrared Observations"*

*10:10 Balzarolo M. : "Monitoring Grassland Pasture Productivity Using High-Resolution ASPIS Imagery And Field Remote Sensing"*

*10:20 Concluding Remarks*

*Sessione 4 : Chairman Prof. Evaristo Ricchetti Università degli Studi di Bari*

*10:30 Laviola S. : "Precipitation Rate Estimations From Amsu Data"*

*10:40 Biondi R. : "The Use Of A Scanning Ground-Based Microwave Radiometer To Monitor Atmospheric Water Before Rainy Events"*

*10:50 Trombetti M. : "Mapping Burnt Areas In The Northern Mediterranean Basin Using MODIS Images Through A Classification Tree Approach"*

*11:00 Coffee Break*

*11:30 Sabia R. : "The ESA's SMOS Mission And Sea Surface Salinity Retrieval Issues"*

*11:40 Madonna F. : "Project Of A New Compact Raman LIDAR System"*

*11:50 Amatulli G. : "Fuel Model Mapping By Classification Tree Analysis Using Landsat 7 ETM+ And Ancillary Data"*

*12:00 Concluding Remarks*

*Sessione 5 Chairman Dott. Palma Blonda Institute of Intelligent Systems for Automation CNR-ISSIA - Bari*

*12:20 Murroni M. : "Region-Based Remote-Sensing Image Compression In The Wavelet Domain"*

*12:30 Franzese M. : "Classification And Segmentation Of Multispectral Vegetation Images"*

*12:40 Minchella A. : "Orthorectification Of Quickbird Image Using An External INSAR DEM For Integration In A Geographical Information System (GIS)"*

*12:50 Della Rocca M. R. : "Extraction Of Coastline From SAR Images By A Class Of Active Contour Models"*

*13:00 Concluding Remarks*

*13:30 Pranzo*

*Sessione 6 Chairman Ing. Riccardo Lanari Istituto per il Rilevamento Elettromagnetico dell'Ambiente CNR - IREA*

*15:30 Salvatori L. : "Semi-Automatic And Fully Automatic Algorithms For Oil Spill Detection"*

*15:40 Tranfaglia M. : "Sea Oil Spill Observation And Physical Modelling"*

*15:50 Prasciolu E. : "SAR Image Segmentation For Oil Spill Detection"*

## 2004 IEEE GOLD REMOTE SENSING CONFERENCE

### Programma

**16:00 Casu F.** : *"Small Baseline Differential SAR Interferometry Techniques For Earth Surface Deformation Analysis"*

**16:10 Manzo M.** : *"A Full Assesment Of The SBAS Algorithm Performance"*

**16:20 Pepe A.** : *"ERS/ENVISAT Deformation Maps: An Extension Of The SBAS Approach"*

**16:30 Manunta M.** : *"An Innovative DIFSAR Approach For Monitoring High Resolution Deformation Phenomena"*

**16:40 Concluding Remarks**

**16:50 Coffee Break**

**Sessione 7 Chairman Prof. Giuseppe Mazzarella Università degli Studi di Cagliari**

**17:30 Perna S.** : *"Experimental Results On Airborne Differential Interferometry"*

**17:40 Serafino F.** : *"Three Dimensional Focusing With Multi-Pass SAR Data"*

**17:50 Cofella S.** : *"Primary Production In The Mediterranean Sea From Remote Sensing Data: A Model Adaptation"*

**18:00 Margelli F.** : *"Calibration And Validation Methods For DOAS Remote Sensing Systems"*

**18:10 Notarpietro R.** : *"A Prediction Methodology Of The Excess-Doppler Evolution For The Improvement Of GPS Radio Occultation Measurements In The Troposphere"*

**18:20 Ticconi F.** : *"Observation of electromagnetic features of soil by means of GPR and SAR"*

**18:30 Concluding Remarks**