



Processing Russian and European  
EARTH observations for earthQUAKE precursors Studies

# KICK-OFF MEETING PUBLIC OPENING SESSION

Potenza, March 15 2011  
University of Basilicata, Campus Macchia Romana

## Tuesday, March 15 SCIENTIFIC SESSION

Venue: Aula De Saint Vénant, Faculty of Engineering

### 9:30

#### WELCOME ADDRESSES:

**Mauro Fiorentino**, Rector of the University of Basilicata

#### PROJECT PRESENTATION:

**Valerio Tramutoli**, University of Basilicata (Project Coordinator)

#### WELCOME ADDRESSES:

**Vito De Filippo**, President of Basilicata Region

#### SESSION 1:

Space - Ionosphere

Chair: **S. Pulinets** (FIAG)

### 10:00

#### PRESENTATION OF PARTNERS' CONTRIBUTION TO PRE-EARTHQUAKES

- » **S. Pulinets**, Fiodorov Institute of Applied Geophysics (FIAG), Russian Federation
- » **A. Romanov**, Russian Space Systems (RSS), Russian Federation
- » **N. Jakowski**, Deutsches Zentrum Fuer Luft - Und Raumfahrt EV (DLR), Germany
- » **I. Zakharenkova**, Pushkov Institute of Terrestrial Magnetism, Ionosphere and Radio wave propagation of the Russian Academy of Sciences Western Department (IZMIRAN), Russian Federation

### 11:00

COFFEE BREAK

#### SESSION 2:

Low Atmosphere, Ground Observations, Integration

Chair: **D. Ouzounov** (NASA & Chapman University)

### 11:30

#### PRESENTATION OF PARTNERS CONTRIBUTION TO PRE-EARTHQUAKES - CONTINUE

- » **N. Pergola**, University of Basilicata and CNR-IMAA, Italy
- » **E. Alparslan**, TUBITAK Marmara Research Center, Turkey
- » **C. Filizzola**, Geospazio Italia s.r.l. (GSI), Italy

#### SESSION 3:

Extending Pre-Earthquakes Collaborations

Chair: **V. Tramutoli** (UNIBAS)

### 12:15

#### PRESENTATION BY GUEST INSTITUTIONS

- » **G. Papadopoulos**, Institute of Geodynamics, National Observatory of Athens (Research Director) [invited]:  
Real-time seismicity monitoring and its value for the earthquake prediction
- » **D. Ouzounov**, Chapman University and NASA Goddard SFC, USA [invited]:  
Integrated Sensing and Joint Validation of Atmospheric Signals Associated with Major Earthquake
- » **F. Vespe**, Italian Space Agency [invited]:  
Contribution of GNSS system to study earthquakes
- » **M. Balikhin**, Department of Automatic Control and Systems Engineering University of Sheffield [invited]:  
SEMEP Project presentation (Search for Electro-Magnetic Earthquake Precursors combining satellite and ground-based facilities)

### 13:15

#### DISCUSSION AND CLOSING OF SCIENTIFIC SESSION