14th of October, Tuesday

11:00 AM

PRESENTATION OF THE ALTO TIBERINA NEAR FAULT OBSERVATORY

Meeting with local governmental authorities

Scientific meeting

Starting time 2:50 PM

The Alto Tiberina Near Fault Observatory: intro
Chiaraluce L. (10')

Seismic activity on the Alto Tiberina fault system
Valoroso L. and HERE working group (20')

Velocity structure of the Alto Tiberina fault system from seismic tomography and geologic, laboratory and controlled source seismology data
Latorre D. and TEST working group (20')

Inter-seismic coupling of the Alto Tiberina fault from GPS velocities
Anderlini L., E. Serpelloni and M. E. Belardinelli (15')

Surface deformation measurements by Advanced InSAR along the Alto Tiberina fault system
Albano M., C. Bignami, M. Moro, A. Pepe, M. Polcari, G. Solaro and S. Stramondo (15')

Radon Monitoring in TABOO network: preliminary results
Piersanti A., Cannelli V., G. Galli, D. Melini and M. Volpe (15')

Coffee break (25')

Starting Time 4:50 PM

Recent advances in the comprehension of the tectonic evolution of the Alto Tiberina fault
Mirabella F. (15')

The brittle/ductile transition across the Upper Tiber valley
Pauselli C. and BRED working group (15')

Magneto-telluric investigation of the Alto Tiberina normal fault system: preliminary results
Balasco M., L. Chiaraluce, V. Lapenna, G. Romano and A. Siniscalchi (15')

Numerical modelling of the Alto Tiberina low-angle normal fault
Vadacca L., E. Casarotti, L. Chiaraluce and F. Mirabella (15')

Stressing of fault patch during seismic swarms in the Upper Tiber Valley
De Gori P., F. P. Lucente and C. Chiarabba (15')

15th of October, Wednesday

Starting Time 8:30 AM

Automatic assessment of earthquake detection of the TABOO seismic network
Marzorati S. and M. Cattaneo (15')

Geologic and seismic characterization of TABOO seismic sites
Ladina C., S. Marzorati, M. Frapiccini, E. D'Alema, S. Carannante, M. Cattaneo and G. Monachesi (15')

TABOO's boreholes: sensor orientation, noise level and data quality
Tinti E. and SEISOU working group (15')

Calculation of moment magnitudes for 2000 small events of the Upper Tiber Valley, using waveforms recorded by the TABOO network
Munafò I., L. Malagnini, E. Tinti and L. Chiaraluce (15')

The spectrum of fault slip behaviour and the mechanics of slow earthquakes
Marone C. (20')

The aid of BRAVA for improving our understanding of TABOO seismicity
Collettini C., B.M. Carpenter, G. Di Stefano, C. Giorgetti, M. Scuderi, T. Tesei (15')

Correlation of laboratory seismic velocities with larger scale data and models: an application to the Upper Tiber Valley
Trippetta F., D. Latorre, L. Chiaraluce and C. Collettini (15')

Coffee break (20')

Starting Time 10:40 AM

The contribution of a Near Fault Observatory in the hazard assessment at the fault system scale
Meletti C., F. Visini (20')

Exploring earthquake predictability in a natural laboratory: TABOO case
Marzocchi W. (15')

Evaluating temporal changes in S-wave splitting data using trans-dimensional Monte Carlo sampling: an application to the TABOO data
Agostinetti N. P., L. Margheriti, M. Pastori and D. Piccinini (15')

Variational Bayesian approach for the analysis of independent components applied to space geodetic time-series: simulations and potential applications for time-dependent deformation studies
Gualandi A., E. Serpelloni and M. E. Belardinelli (15')

TABOO's multi-parametric database
Di Stefano R. and L. Chiaraluce (15')

Lunch (12.00 AM)

Starting Time 1:45 PM

Implementation of the TABOO strong motion network
Cattaneo M. and WP1 of the Pluto project (15')

TABOO artificial Corner Reflectors network implementation
Stramondo S. and WP2 of the Pluto project (15')

Implementation of the TABOO Radon monitoring network
Piersanti A. and WP3 of the Pluto project (15')

Geochemical monitoring of the Upper Tiber valley: preliminary results and new perspective towards the comprehension of the relationship between fluids and seismicity
Favara R. (15')

The GNSS/GPS geodetic infrastructure in the central-northern Apennines: networks, data, solutions and strain rate field
Serpelloni E. (15')

Coffee break (15')

Starting Time 3.15 PM

The Alto Tiberina Near Fault Observatory in the EPOS perspective
Cocco M. (15')

Final Discussion (90')

Departure 5:00 PM

http://taboo.rm.ingv.it/

meeting secretary:
Cristina La Fratta *cristina.lafratta@ingv.it*

Design_Barbara Angioni_INGV

Istituto Nazionale di Geofisica e Vulcanologia

TABOO
The AltotiBerina near fault ObservatOry

14 - 15 October 2014, San Faustino, Pietralunga (PG)

EPOS
EUROPEANPLATEOBSERVINGSYSTEM

Potenziamento di un laboratorio naturale per lo studio multi-disciplinare del terremoto

PLUTO - PREMIALE MIUR

PAD: ICT e Dispositivi Sensoriali