

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. Tesi (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

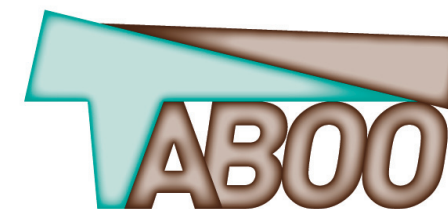
<http://taboo.rm.ingv.it/>

meeting secretary:

Cristina La Fratta cristina.lafratta@ingv.it



Istituto Nazionale di
Geofisica e Vulcanologia



*The AltoTiberina
near fault ObservatOry*

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



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

PLUTO - PREMIALE MIUR

PAD: ICT e Dispositivi Sensoriali