Dear Participants,

welcome to Fucino 2015!

As mayor of Pescina, and also on behalf of the 1915-2015 Pescina Committee I am very honoured to host this international workshop in our small town. We are in the epicentral area of the 1915 Fucino earthquake: this event was a catastrophe for Pescina and other surrounding villages that changed our history for ever with a remarkable social impact. One hundred years later we wish to keep the memory of such a tragic event. Thus, we are very glad to promote this workshop as an action for sharing and discussing the most recent scientific developments in the seismic hazard assessment.

Antonio Iulianella
Mayor of Pescina Municipality

Dear Participants,

The Fucino 2015 event will be the 6th INQUA international workshop in the last six years after those held in Baelo Claudia, Corinth, Morelia, Aachen and Busan. All these meetings have been supported by INQUA TERPRO Focus Group on Paleoseismology and Active Tectonics (PALACTE), and have seen fruitful and intense discussions among the participants.

During the Fucino 2015 event we will discuss the almost final results of the INQUA Project 1299 – EEE METRICS Parametrization of Earthquake Environmental Effects (2011-2015) that will end on July 2015 at the INQUA Congress in Nagoya (Japan). It will be also the occasion to further discuss future joint research projects for the 2015-2019 intercongress period.

Pablo G. Silva
President of INQUA TERPRO PALACTE
Dear Participant,

This event will be the 6th INQUA International Workshop on Active Tectonics, Paleoseismology and Archaeoseismology, that follows the previous successful INQUA “PATA days” meetings.

A well-qualified community of scientists in the field of active tectonics, paleoseismology and archaeoseismology participates to this event: almost 200 participants from 25 different countries have registered and more than 150 extended abstracts have been accepted for publication in the Abstract Volume!

During the workshop, organized by INGV, ISPRA and University of Insubria, we will remember the centenary of the 1915 M7 Fucino earthquake, that was one of the largest and devastating earthquakes ever occurred in Central Italy. The Scientific sessions will be attended in the unique historical and cultural atmosphere of Pescina’s village, affected by extensive coseismic surface faulting in 1915. A 2 days field trip in the Fucino and L’Aquila areas will follow, retracing in the field the path of faults, landscapes, castles and ancient settlements. Moreover, the participants will have the opportunity to join a pre-congress archaeoseismic tour downtown Roma.

Although the scientific program is very intense, participants will have also the opportunity to discover the history, tradition and food of Abruzzi.

We wish to acknowledge all the people that supported this event, and in particular the Mayor of the Pescina municipality, the members of the Scientific Committee and the sponsors.

Finally we wish to thank all the participants for their contribution to Fucino 2015!

The Fucino 2015 Organizing Committee

Anna Maria Blumetti
Francesca Romana Cinti
Paolo Marco De Martini
Fabrizio Galadini
Luca Guerrieri
Alessandro Maria Michetti
Daniela Pantosti
Eutizio Vittori
DAILY SCIENTIFIC PROGRAMME

The Fucino 2015 Abstracts Volume is published on the on-line journal Miscellanea INGV http://istituto.ingv.it/l-ving/produzione-scientifica/miscellanea-ving/view

The Abstracts Volume and the Field-Trip Guide are included in the Fucino 2015 pen-drive.

The 1915 Fucino earthquake

10.00 - 10.20 The 1915 earthquake in central Italy: macroseismic effects and long-term traces in the urban landscapes - Galadini F. (Solicited)

10.20 - 10.40 Magnitude characterisation and aftershocks of the 1915 Fucino earthquake - Margottini C. (Solicited)

10.40 - 11.00 Surface faulting of the 1915 Fucino earthquake - Michetti A.M. (Solicited)

11.00 – 11.10 Coffee Break + Poster Session

QUATERNARY GEOLOGY

11.30 - 11.50 Overview of combining regional strain-rate, slip-rate variability and stress transfer during fault interaction for seismic hazard assessment and understanding of continental deformation


11.50 – 12.10 Detailed fault slip-histories based on cosmogenic 36Cl analyses from Abruzzo, Italy: reveal fault behaviour over multiple earthquake cycles


12.10 - 12.25 The Dinaric Faults System: large-scale structure and rates of slip of the transpressive northeastern boundary of the Adria microplate

Moulin A., Benedetti L. Riza, M., Jamsek-Rupnik P., Gosar A., Bourlès D., Ritz J-F

12.25 – 12.40 Active tectonics at the frontal Potwar Plateau, NW Himalaya of Pakistan: Insights from 10Be ages in fluvial terraces at the Mahesian Anticline and seismic hazard implications


12.40 - 12.55 In sequence/out-of sequence Late-Quaternary deformation in Northwestern Himalaya


12.55 - 13.10 Pleistocene-Holocene catastrophic events in the lakes of central Mexico recorded from diatomites and detritic sediments

Israde-Alcántara I., Garduño-Monroy V.H., Rodriguez-Pascua M.A

• Lunch •

ARCHAEOSEISMOLOGY

17.30 - 17.50 Analysis of potential earthquake damage in the Via dei Pilastri, Alba Fucens, Central Italy

Hinzen K., Galadini F., Kehmeier H., Schwellenbach I., Reamer S.K.

17.50 - 18.05 ArMedEa project: archaeology of medieval earthquakes in Europe (1000-1550 AD). First research activities

Forlin P., Gerrard C., Petley D.

18.05 - 18.20 New insights on the occurrence of ancient earthquakes in Central Spain: archaesismology of the Campusturn-Region (4th century AD, Madrid)


18.20 - 18.35 Archaeoseismological investigation of earthquake induced ground liquefaction events at the Early Christian Basilica, Ancient Lecina harbour, Corinth, Greece

Minos-Minopoulos D., Pavlopoulos K., Apostolopoulos G., Lekkas E., Dominey-Howes D.

• Coffee Break + Poster Session •

• Lunch •
### Paleoseismology

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Authors</th>
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<tbody>
<tr>
<td>9.50 - 10.05</td>
<td>A fault slip-rate on the northern front of the High Tien Shan, Kazakhstan</td>
<td>Mackenzie D., Walker R.T., Abdrahmatov K., Campbell G., Grützner C., Moldobaev A., Mukambayev A.</td>
</tr>
<tr>
<td>10.05 - 10.20</td>
<td>Paleoseismicity on the northern part of the Yangsan Fault, S-E Korea</td>
<td>Rezaei S., Lee J-H., Hong Y., Gwon S-H., Kim Y-S., Rockwell T.K.</td>
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**Coffee Break + Poster Session**

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<tr>
<th>Time</th>
<th>Topic</th>
<th>Authors</th>
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<tr>
<td>11.40 - 11.55</td>
<td>Evidence of paleoseismicity within the West Quebec Seismic Zone, eastern Canada, from the age and morphology of sensitive clay landslides</td>
<td>Brooks G., Gregory R.</td>
</tr>
<tr>
<td>11.55 - 12.10</td>
<td>Estimating magnitudes of paleo-earthquakes from multiple observations</td>
<td>Hintersberger E., Decker K.</td>
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<tr>
<td>12.10 - 12.25</td>
<td>Paleoseismology of the North Panamá Deformed Belt from Uplifted Coral Platforms at Moin and Limón, Caribbean coast of Costa Rica</td>
<td>Gath E., Gonzalez T., Madugo C., Montero W.</td>
</tr>
<tr>
<td>12.25 - 12.40</td>
<td>Recent advances in the comprehension of the central Apennine seismotectonics, by cross-checking Quaternary geology, paleoseismological and seismological data.</td>
<td>Gori S., Falucci E., Moro M., Saroli M., Fulbelli G., Chiarabba C., Galadini F.</td>
</tr>
<tr>
<td>12.40 - 13.05</td>
<td>Historic and Prehistoric earthquake ruptures of central Asia</td>
<td>Walker R.T., Abdrahmatov K., Campbell G., Grützner C., Mackenzie D., Mukambayev A.</td>
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</table>

**Lunch**

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<tr>
<th>Time</th>
<th>Topic</th>
<th>Authors</th>
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<tr>
<td>15.00 - 15.20</td>
<td>Paleoseismology of normal faults in the Mediterranean using in-situ Chlorine-36 cosmogenic nuclide</td>
<td>Benedetti L., Tesson J. (Invited)</td>
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**Workshop EPOS – EuroGeoSurveys – Tuesday 21 April, 17.00 – 18.30**

The European Plate Observing System (EPOS) is an integrated solid Earth Sciences research infrastructure aimed at promoting innovative approaches for a better understanding of the physical processes such as earthquakes, volcanic eruptions, tsunamis etc.

EuroGeoSurveys (EGS) is a not-for-profit organisation representing 33 National Geological Surveys and some regional Surveys in Europe. It provides the EU Institutions with expert, neutral, balanced and practical pan-European advice and information on several geological areas including the identification of geohazard, the use of geosources, the development of interoperable and harmonised geoscientific data at the European scale, etc.

The workshop is aimed at showing to the Fucino 2015 participants the activities carried out in the frame of both these initiatives. In this context, EPOS and EuroGeoSurveys will sign a Memorandum of Understanding for future joint collaboration.
15.00 - 15.15 The Environmental Seismic Intensity Scale (ESI 2007) for the 1995 Ms=6.6 Kozani-Grevena Earthquake and the 1894 (M=6.4, M=6.8) Atalanti sequence in Greece; Preliminary relationships between Magnitude and the ESI 2007 for Greece and the Mediterranean area
Papanikolau I., Melaki M.

15.15 - 15.30 Evaluation of the macroseismic intensities triggered by the February 3, 2014 Cephalonia, Greece earthquake based on ESI-07 scale
Papathanassiou G., Valkaniotis S., Ganas A., Papanikolau M.

15.30 - 15.45 Assessing seismic efficiency from scalar Moment-rates: an application to Mt. Etna volcano (Italy)
Azzaro R., Barberi G., Cannavò F., Cocina O., Papanikolaou M.

15.45 - 16.00 Earthquake-induced Geomorphology: A Neotectonic Study at the Front of the Alps (Lake Thun & Aare Valley, Switzerland)
Fabbri S.C., Anselmetti F.S., Herwegh M., Schlunegger F., Volken S., Möri A.

16.00 - 16.20 Tracing geological records of recent tsunamis from the tropics to the polar regions - insights into their regional variability and new research approaches
Szczuciński W.

16.20 - 16.40 Reliability of first-hand accounts on the study of past tsunami events in northeastern Venezuela (southeastern Caribbean Sea), since 1530 AD
Audemard F.A., Leal Guzmán A.F.

17.15 – 18.00 INQUA Business Meeting
Please note that Authors of posters will be kindly requested to shortly present their work in afternoon of Wednesday 22nd. Specific material for sticking the poster directly to the wall will be available on site.

Posters must be in portrait format (width 85 cm; height 120 cm). Each poster has an assigned space and can be shown for the entire period of scientific sessions. Thus, participants are kindly recommended to attach their own poster in the morning of Monday 20th and to remove it in the afternoon of Wednesday 22nd.

Scientific posters will be displayed in “Palazzo Palladini” in front of the Silone Theater. Authors of posters will be kindly requested to shortly present their work in afternoon of Wednesday 22nd. Below are reported titles, authors and ID of all posters listed by each scientific session.

### Scientific sessions

**Poster Sessions**

Scientific posters will be displayed in “Palazzo Palladini” in front of the Silone Theater. Posters must be in portrait format (width 85 cm; height 120 cm). Each poster has an assigned space and can be shown for the entire period of scientific sessions. Thus, participants are kindly recommended to attach their own poster in the morning of Monday 20th and to remove it in the afternoon of Wednesday 22nd.

Specific material for sticking the poster directly to the wall will be available on site.

**Quaternary Geology - Monday 20**

- **Pisarska-Jamroży M., Van Loon A.J., Nartišs M., Krievâns M.** - Seismites recording glacio-isostatic rebound after melting of the Scandinavian Ice Sheet in Latvia. QUa_01
- **Alarcon E., Audemard F.A., Singer A.** - Active tectonics in the Santa Ines basin (Venezuela): morphotectonic evidence related to blind thrusting with opposite vergences. QUa_02
- **Hoffmann A., Reicherter K.** - Active tectonics and the link to evolutionary processes: The Lake Ohrid Basin QUa_03
- **Zaagane M., Refas S., Hammed A.** - Integration of geomorphologic, geotechnical, geophysical and seismic data for the construction of a morpho-structural 3D model: case of Bordj Bou Naama landslide (western Algeria) QUa_05
- **Villani F., Tulliani V., Sapio V., Fiero E., Civico R., Bacchesci P., Di Giulio G., Vassallo M., Pantosti D.** - Shallow suburface imaging of the Piano di Pezza active normal fault (central Italy) using high-resolution refraction and electrical resistivity tomography coupled with time-domain electromagnetic data. QUa_08
- **Bouhadad A.** - Paleoseismology of active blind faults (active folds): contribution of earthquake induced secondary geological and geomorphological effects. QUa_09
- **Öğretmen N., Cosentino D., Giozzetti E., Cipollari P., Yldrm C.** - Holocene extensional faulting at the southeastern margin of the Central Anatolian Plateau: Implications for the kinematics of the Eemian Fault Zone (Mersin, southern Turkey). QUa_11
- **Pousse L., Vassallo R., Jouanne F., Audemard F., Pathier E., Carrauillet J., Garambois S.** - Geomorphic slip rate and preliminary paleoseismological study along the Bocono Fault, Venezuela. QUa_13

**Archaeoseismology - Monday 20**

- **Kâzmér M., Kolaší E.** - Earthquake-induced deformations at the Lion Gate, Mycenae, Greece. ARC_02
- **Kazmer M.** - Off-fault damages to masonry buildings – a classification. ARc_03
- **Ferrario M.F., Katz O., Livio F., Michetti A.M., Amit R.** - Evaluation of earthquake hazard for the city of Tiberias (Israel): archaeoseismology and paleoseismology. ARc_10
- **Minos-Minopoulos D., Papoulopoulos K., Lekkas E., Dominey-Howes D.** - Earthquake Archaeological Effects (EAEs) from the archaeological site of Ancient Corinth, Greece and their correlation to seismic events. ARc_11
- **Carduño-Monroy V.H.** - A proposed scale of intensities of historical events, based on the symbolism of the codex Tellariano Remensis, Mexico. ARc_06
- **Brunori C.A., Alfonsi L., Cinti F.R.** - Active faulting, earthquakes and geomorphological changes effects on the urban evolution of the Roman town of Sybaris, Ionian Sea (southern Italy). ARc_07
- **Michail M., Chatzipetros A.** - Use of quantitative geomorphological methods in the segmentation of Sperchios active fault zone, central Greece. QUa_14
- **Palikarakis A., Grützner C., Mason J., Schneiderwind S., Papoulopoulos K.** - Triantaphyllou M., Migiros G. - Correlating magnetic susceptibility with facies changes along borehole cores on either sides of an active faults in Corinth Canal. QUa_17
- **Spadil M., Cosentino D., Nocentini M., Giozzetti E.** - Sedimentary and tectonic evolution of the San Nicola lacustrine depositional system (Pliocene-Pleistocene, southern L’Aquila Basin, central Italy). QUa_20
- **Meschis M., Roberts G.P., Houghton S., Underwood C., Briant R.M.** - Deriving uplift and crustal deformation rates in the upper plate of subduction zones from tectonically deformed sequences of marine palaeoshorelines; tectonic and seismic hazard implications in Calabria (Southern Italy). QUa_22
- **Frigerio C., Kerboni A., Livio F., Bonadeo L., Michetti A.M., Brunamonte F. F., Fiasor G., Amit R., Papadimitriou.** - Neogene-Quaternary landscape evolution in the western Po Plain (northern Italy). QUa_23
- **Miccadei E., Picentini T., Berti C.** - Neogene-Quaternary evolution of the Eastern Marsica region (Central Italy). QUa_25
- **Buscher J., Ascione A., Valente E., Mazzoli S.** - Inferring surface uplift from longitudinal stream profiles in the Mt. Alpi area, southern Apennines, Italy. QUa_29
- **Pierantoni P.P., Centamore E., Costa M.** - Comparison among some seismotectonic characteristics of the main historical earthquakes in the Central Apennines (Italy). QUa_31

PALEOSEISMOLOGY - Tuesday 21


Tsoulooulis I., Pavlides S., Caputo R., Chatzipetros A., Koukouvelas I., Stamoulis K., Ioannides K. - Paleoseismological investigation across the Gytoron Fault, Tzarnavos, Central Greece. PAL_42

Michael Weisss M., Hintersberger E., Lomax J., Decker K. - Geomorphological and paleoseismological investigations on the Gaenserndorf Terrace in the central Vienna Basin (Austria). PAL_41

Hürtgen J., Jamard H., Thomas J., Reichert K., Baize S., Röth J., Cushing M., Cinti F.R. - The Southern Upper Rhine Graben - A paleoseismological pre-site survey in the Freiburg area. PAL_39

Velázquez-Bucio M.M., Benente L., Garduño-Monroy V.H., Michetti A.M., Groppelli G. - Evidence of seismogenic activity of Perales fault in the Ixtlahuaca basin, Mexico. PAL_38


Schneiderwind S., Mason J., Wiatr T., Grützner C., Pallikarakis A., Reichert K. - Innovative trenching investigations on active normal faults: a combination of experience, remote sensing applications and geophysics. PAL_05

McCaflrey K., Roberts G., Wedmore L., Gregory L., Cowie P., Faure Walker J. Watson Z., Griffiths J. - The importance of robust site characterisation for 36Cl cosmogenic dating of active normal faults. PAL_32

Rizza M., Ourion B., Tessoni J., Benedetti L., Hecquet C., Fleury J., Bellier O. - Terrestrial LiDAR scanning and close-range photogrammetry of active normal fault scarps in Italy and Greece. PAL_31

Špaček P., Ambroz V., Táborík P., Štěpančíková P. - Digging for records of slow fault slip in the region with strong Pleistocene periglacial mass wasting: ex-perience from the Bohemian Massif (Alpine-Carpathian foreland). PAL_30

Lamair L., Hage S., Hubert-Ferrari A., Avaro U., El Ouahabi M., Çagatay M., Boulvain V. - A 3000 yr history of earthquakes recorded in Hazar Lake potentially related to ruptures along the East Anatolian Fault (Turkey). PAL_27

Pérez-López R., Martín-González E., Silva P.G., Béjar-Pizarro M., Martínez-Díaz J.J., Rodríguez-Pascua M.A., Giner-Robles J.L. - Environmental effects, building collapse and S-wave ground-shaking during the Orihuela earthquake (1048 CE Muslim Period, SE of Spain). PAL_26

Kim Y.S., Choi J.H. - Identification of the Quaternary Geundeok Fault based on a sequence of Paleoseismological investigations in Samcheok, Korea. PAL_25


Wechsler N., Rockwell T., Klinger Y. - Variable Slip Rate on a Plate-Boundary Fault: The Problem of Assessing Long-Term Fault Behaviour. PAL_08

Hürtgen J., Spies T., Schillenhardt J., Reichert K. - Paleoseismological Database of Germany and Adjacent Regions. PAL_09


Barbano M.S., Pirotta C., De Guidi G., Farinà C. - Historical, palaeoseismic, paleoseismological and active tectonics markers in the Avola Vecchia area (southern Sicily). PAL_15

Mecheri S., Mason J., Papanikolaou I., A. Binnie S., Dunai T., Reichert K. - The slip history of the Pisait fault, Gulf of Corinth, based on bedrock fault scarp analyses. PAL_16


Eulilli V., Ferri F., Puzzilli L. M. - Integrated geophysical surveys supporting shallow subsurface faults detection and characterization: two case studies in the Central Apennines. PAL_19

Lee J.H., Rezaei S., Kim Y.S. - Characteristic and timing of Quaternary faulting along the Yangsan fault. PAL_20

Elliott A. J., Oskin M. E., Liu-Zeng J. - Field characterization of the most recent great earthquake on the eastern Altyr Tagh fault: A rupture between two fault bends. PAL_21

Smeraglia L., Carminati E., Bilii A., Doglioni C. - Architecture and deformation mechanisms within a carbonate-hosted fault zone (Fucino basin). PAL_22


Livio F., Reichert K., Urai J. - From sandbox modeling to paleoseismology: preliminary results on bending–moment faults modeling. PAL_24
SEISMIC AND TSUNAMI HAZARD _ Wednesday 22

Soehaimi, Setianegara - Eastern Coast of Bali Island Active Fault Study in Indonesia. SHA_01

Setiawan, Sopian, Soehaimi - Tectonic Deformation Study of The Great Sumatera Active Fault (Semangko Segment). SHA_02

Ventre, M. - Historical sources and Geology: earthquakes documented in the memoirs of Giovanni Maria Mastai and Francesco Pesaresi (Senigallia, central Italy, AD 1727 – 1760). SHA_06

Francesconi, Nardone, Boncio, Vessia, Amoroso - Reconstruction of the subsurface geology aimed at identifying areas susceptible to liquefaction in the epicentral area of the M7.15 earthquake (Fucino Basin, central Italy). SHA_08

Giner-Robles, Silva, Elez, Rodríguez-Pascua, Pérez-López, Rodríguez-Escudero - Relationships between the ESI-07 scale and expected PGA values from the analysis of historical earthquakes (≥ VIII EMS) in East Spain: Tavernes 1396 AD. SHA_13

Nappi, Gaudio, De Luca, Porfido - A contribution to a new assessment of the Salento (Apulia, Southern Italy) seismic hazard. SHA_18

Ronconori, Ripamonti, Ventura, Lombardo, Rosati, Chiaravalli, Michetti - A synthesis for the Diablo Canyon Nuclear Power Plant (USA, California). SHA_19

Pérez-López, Bañón, López-Gutiérrez, Lario, Rodríguez-Pascua, Martín-Velázquez, Giner-Robles, Silva, Del Moral, Puello-Morer - Positive correlation between CO2 daily peaks and micro-earthquakes occurrence in deep fault-caves: an empirical model. SHA_20

Azzaro, D’Amico, Pace, Peruzzo - Is a geometric-kinematic approach valid for estimating the expected seismicity rates in volcano-tectonic areas? Ideas and results from seismonastic sources at Mt. Etna (Italy). SHA_24

Bai, - Earthquake geology and geophysical studies for assessing the seismic hazard: a synthesis for the Diablo Canyon Nuclear Power Plant (USA, California). SHA_25

Boncio, Milana, Cara, Di Giulio, Di Naccio, Famiani, Caladini, Rosatelli, Vassallo - Local seismic hazard from detailed geologic investigations: the Aezzizza town in the epicentral area of the M7.15 earthquake (Fucino Basin, central Italy). SHA_27

Pizzì, Di Domenica, Di Federico, Faure Walker, Roberts - Geologic investigation along the Sulmona active normal fault (central Italy) and its effects on the seismic microzoning of the area. SHA_28

Sobrero, Brunetto - Satellite geodetic data in the analysis of the seismic hazard on faults in an intracratonic setting of the SE South America. SHA_43

Famiani, Amoroso, Boncio, Bordoni, Cantore, Cara, Di Giulio, Di Naccio, Hailemikael, Mercuri, Milana, Vassallo - Noise measurements along fault zones in central Apennines. SHA_34

De La Taille, Jouanne, Crouzet, Beck, Jomard - Neotectonic activity along the Culoz fault, southern Jura – Alps junction (France): Implications for seismic hazard analyses. SHA_14

Caputo, Pavlides and the GreDaSS Woking Group - The Greek Database of Seismogenic Sources (GreDaSS): A compilation of potential seismogenic sources (Mw>5.5) in the Aegean Region. SHA_38

D’Agostino - Earthquake recurrence in the central-southern Apennines: a comparison from geodesy and historical earthquake catalogue. SHA_39

Guerreri, Balocco, Blumetti, Brustia, Comerci, Lucarini, Porfido, Scaramella, Vittori - The Italian Catalogue of Earthquake Environmental Effects: a contribution to seismic hazard assessment through the ESI intensity scale. SHA_40

Picardi, Vittori, Blumetti, Comerci, Di Manna, Guerrieri - Mapping capable faulting hazard in a moderate seismicity, high-heat-flow environment: the Southern Turquay-Tuscia province. SHA_41

Heddar, Sibachir, Beldjoudi, Yelles - Review of May 21, 2003 Boumerdes (Algeria) earthquake (Mw 6.6): Application of the ES0207 Scale. SHA_44

Salamon, Netzer-Cohen, Zilberman, Amit - Qualitative evaluation of earthquake hazards for archaeological and historical sites in Israel. SHA_09

Duran, Dí Giuilo, Tallini, Milana, Del Monaco - Seismic monitoring and ground motion amplification of Monteluco Hill and Roio Plain (L’Aquilia). SHA_45

Pantoloni, Console, Perini - A contribution to environmental studies of the Fucino area from the historical archive of the Geological Survey of Italy. SHA_46

Wedmore, Faure Walker, Roberts, Sammonds, McCaffrey - Investigating the cause of earthquake clusters in the central Apennines, Italy by modelling co-seismic and interseismic Coulomb stress change from 1349-2009. SHA_31

Marijyono and Kamawan - Seismic Microzonation using Microtremor in Denpasar City, Bali, Indonesia. ENG_01

Amoroso, Boncio, Famiani, Hailemikael, Manuel, Milana, Monaco, Vassallo, Vessia - Liquefaction assessment by in situ testing of the Fucino area from the historical archive of the Geological Survey of Italy. SHA_38

Moggiato, Abruto - The 15th August 2007 Peru Tsunami: Numerical Modeling, observation and Validation. TSU_02

Öğretmen, Cosentino, Gliozzi, Cipollari, Iadanza, Yildirim - Tsunami hazard in the Eastern Mediterranean: Geological evidence from the Anatolian coastal area (Silifke, southern Turkey). TSU_03

Mason, Schneiderwind, Mathes-Schmidt, Fischer, Werner, Vu, Vu - Planned palaeo-tsunami research in western Crete, Greece. TSU_04

Ögretmen, Cosentino, Gliozzi, Cipollari, Iadanza, Yildirim - Tsunami hazard in the Eastern Mediterranean: Geological evidence from the Anatolian coastal area (Silifke, southern Turkey). TSU_03

Mason, Schneiderwind, Mathes-Schmidt, Fischer, Werner, Vu, Vu - Planned palaeo-tsunami research in western Crete, Greece. TSU_04

Röth, Mathes-Schmidt, Jimenez Garcia, Rojas Pichardo, Грützner, Silver - Review of May 21, 2003 Boumerdes (Algeria) earthquake (Mw 6.6): Application of the ES0207 Scale. SHA_44
Traditional Dinner - Hotel Filippone
Monday 20th April, 8 p.m.
A traditional dinner is planned at Hotel Filippone (Gioia dei Marvi),
with degustation of typical food and traditional music
(“Zampognari”) from Marsica region. Cost € 35,00.
Registrations and payments at the Fucino 2015 Information Desk
will be possible up to Monday 20th not later than 2 p.m.

Social Dinner - Ristorante Mammarossa
Tuesday 21th April, 8 p.m.,
Social dinner is planned at Ristorante Mammarossa (Avezzano).
The menu will include seafood and good wines. Cost € 40,00.
It is possible to register on-site to this event, at the Fucino 2015
Information Desk, up to Monday 20th not later than 2 p.m.

Family Program – 20th, 21st and 22nd April
Daily tours will be proposed to familiars of Fucino 2015 participants
in the period of the workshop, in the most famous destinations
of the Marsica and L’Aquila areas (e.g. Alba Fucens and Celano
Castle, Pescasseroli and Abruzzo National Park, Sulmona).
More information, registration and payments at the Fucino 2015
Information Desk. Please note also that a minimum number
of participants is needed for some tours.

A group of artists in collaboration
with Prof. Fabrizio dell’Arno
of the Rome University of Fine Arts,
present a catalogue of dislocations,
as paths into the effects
of earthquakes.
Some of the pictures have been
inspired by historical photos
of the destruction produced
by the 1915 Avezzano earthquake.

Palazzo Palladini, Pescina (AQ),
April 19-24, 2015.