**Saturday 2nd July**

08.45 WELCOME

**Session. 1**

09.00 **Bex Robertson**, Menzies. C, Nielsen. S, De Paola. N., Boulton. C, Boyce. A, Niemeijer. A.

*Investigating co-seismic reactions in fault cores.*

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09.20 **Cyrill Labry,** Da Pelo, S., Funedda, A.

*The role of fault damage zones and lithology contrast on permeability variations: the Torralba Fault case study (northern Sardinia).*

09.40 **Aabi Ayoub**, Hejja, Y., Nait Bba, A, Baidder, L., Fekkak, L., Bannari, A., Boujamaoui, M., El Azmi, M., Zouhair, M., Maacha L.

*Tectonic style and faults kinematics from the Saghro massif (Anti-Atlas, Morocco): Implication on the structural evolution of the West African Craton margin.*

10.00 **Christie Engelmann de Oliveira**, Sobel, E.R.

*Thermal ages on a subduction thrust, northern Hikurangi Margin, New Zealand.*

10.20 **Adriana Flórez-Rodríguez**, Ziegler, M., García-Sansegundo, J., Martín-Izard, A., Niemeijer, A. R., van der Lubbe, H. J. L.

*The latest reactivation of the San Carlos and the Liordes fault systems (Picos de Europa region, NW Spain).*

10.40 Discussion

COFFEE BREAK

**Session 2**

11.30 **Francisca Robledo**, Butler, R., Bond, C.

*Investigating the impact of diverse methodologies for interpreting faults in the subsurface*.

11.50 **Kornel Nemeti**, Visnovitz, F.

*Evolution of Quaternary sedimentary environment in Lake Balaton, Hungary: Reconstruction based on water seismic measurements.*

12.10 **Filippo Carboni**, Porreca M., Valerio E., Manzo M., De Luca C., Ercoli M.,Barchi M.R.

*Fast detection of complex deformation pattern associated to strong earthquakes from DInSAR measurements: the October 2016 central Italy case.*

12.30 **Malte Froemchen,** McCaffrey, K., Allen, M., van Hunen, J., Phillips, T.

*How topography records the influence of inheritance on active rifting in the Shanxi Graben, North China.* ***online***

12.50 Discussion

LUNCH

**Session 3**

15.00. KEYNOTE: **Mary Ford**

*Evolution of a salt-rich transtensional rifted margin, eastern North Pyrenees, France.*

16.00. BREAK

**Session 4**

16.40 **Kitti Váradi**, Bereczki, L.  
*The polyphase Miocene extensional formation of the Hungarian and Slovakian part of the Danube Basin.*

17.00 **Vincent Wicker**, Ford, M, Kerouedan, L., Gawthorpe,R., Kranis H., Skourtsos, E., Bouilhol, P., Muravchik, M., Fabregas, N., Beaufumé, K., Agostinho, L., Cachard, B., Beldame, H.

*Interacting extensional systems of the Northern Peloponnese, Greece: transition from syn-orogenic extension to Corinth rifting.*

17.20 **Noemi Kósa**, Székely, B.

*Using Sentinel–2 data for geomorphometric analysis of meandering rivers: tectonic evaluation of Central Amazonia Region.*

17.40 **Veleda Astarte Paiva Muller**, Sternai, P., Sue, C., Simon-Labric, T., Valla, P.G.

*Climatic control on the location of magmatic arcs.*

18.00 Discussion

POSTERS and REFRESHMENTS

**Sunday 3rd July**

**Session 5**

09.00 **Martina Forzese**, Maniscalco, R., Butler, R.

*3D virtual outcrops: a new way for data processing.*

09.20 **Phoebe Sleath**, Butler, R., Bond, C.

*Thrust Fault Linkage through Rheological Multilayers.*

09.40 **Luigi Massaro,** Adam, J, Yamada, Y.

*The scale impact on fault and fracture processes: insights from new analogue modelling materials and outcrop-scale models.*

10.00 **Sophia Locchi**, Zanchetta, S., Moroni, M., Zanchi, A. Trumbull, R.B.

*Development of low angle normal faults and rich in Boron hydrothermalism during the Early Permian in the central Southern Alps (N Italy).* ***online***

10.20 **Martina Rocca,** Gasparrini M., Zanchetta S., Berra F., Zanchi A.

*The Jurassic rift-related fault system and its re-activation history (central Southern Alps, N Italy): clues from structural analysis and paleo-fluid characterization.*

10.40 Discussion

COFFEE BREAK

**Session 6**

11.20 **Fabrizio Cocco**, Loi, A., Funedda, A., Casini, L., Ghienne, J-F., Pillola, G.L., Vidal, M., Meloni, M.A., Oggiano, G.

*The Ordovician Sardic and Sarrabese phases in the South European Variscan Belt: correlation between Sardinia, Eastern Pyrenees and Occitan Domain.*

11.40 **Matias Barriounevo**, Liu, S., Mescua, J., Yagupsky, D., Quinteros, J., Giambiagi, L., Sobolev, S., Rodríguez Piceda, C., Strecker, M.

*The influence of lithospheric geometry in Andean evolution: an example from the 33-36°S area.*

12.00 **Nicolò Bertone**, Bonini, L., Del Ben, A., Brancatelli, G., Camerlenghi, A., Forlin, E., Pini, G.A.

*Present-day coexistence of different convergent boundaries along the Cyprus Arc.*

12.20. Discussion

LUNCH

**Session 7**

15.00. KEYNOTE: **Alissa Kotowski**

*Up close and personal with a subduction channel: subduction, underplating, and return flow recorded in the Cycladic Blueschist Unit exposed on Syros Island (Cyclades, Greece).*

16.00. BREAK

**Session 8**

16.40 **Alberto Corno**, Mosca P., Groppo C., Borghi A.Gattiglio M.

*Preserved lawsonite in the blueschist-facies ophiolitic bodies from the Albergian unit (Ligurian-Piedmont zone, western Alps).* ***online***

17.00 **Aimee Barroso**, Holdsworth, R., Dempsey, E., De Paola, N., Nielsen, S., Dawood, F.

*Stratigraphic control of slip localization and the role of dynamic weakening in the late stages of emplacement of the Moine Thrust Zone, Scotland: Insights from friction experiments.*

17.20 **Matteo Simonetti**, Carosi, R., Montomoli, C.

*The Ferriere-Mollières Shear Zone (Argentera Massif, Western Alps): an example of a regional-scale strain softening shear zone in continental crust*

17.40 Discussion

18.00 Briefing for Field Day 3

POSTERS AND REFRESHMENTS

Posters

**Giorgia Carano**, Montomoli, C.,Iaccarino, S.,Carosi, R.

*Structural geological study of two transects (Modi Khola and Mardi Himal) in the Annapurna Range, central – western Nepal (Himalaya).* ***P1A***

**Filippo Carboni**, Koyi H., Barchi M.R.

*4D kinematics of extensional structures developed above discontinuous inclined ductile basal detachments: insights from analogue modelling.* ***P1B***

**Fabiola Caso**, Zucali M., Mahan K. H., Visalli R., Ortolano G.

*Understanding the hidden tectono-metamorphic evolution of Precambrian rocks: integration of quantitative microstructural and microchemical analysis on the Boulder Creek batholith rocks (Front Range, Colorado, USA).* ***P2A***

**Fabrizio Cocco**, Sechi, D., Andreucci, S.

*Neotectonics in southern Sardinia: insights from the Cala Mosca site.* ***P2B***

**Davide Dana**, Iaccarino S.

*Structural architecture and tectono-metamorphic evolution of the Briançonnais units in the Aiguilles de Chambeyron - Dents de Maniglia Massifs (France, Italy).* ***P3A***

**Riccardo Graziani**, Larson K. P., Law, R. D., Vanier, M., Thigpen, J. R.

*C’-c method: a new refined kinematic vorticity gauge for mylonites combining shear bands and quartz Crystallographic Preferred Orientation.* ***P3B online***

**Laura Nania**, Montomoli, C., Iaccarino, S., Carosi, R.

*Time-related changes in calcite intracrystalline deformation during a syn-collisional exhumation: an example from a low-angle normal fault in central Himalaya.* ***P4A online***

**Alessandro Petroccia**, Carosi R., Montomoli C., Iaccarino S.. & Vitale Brovarone A.

*The Baunei area: a key sector to decipher the upper structural level deformation related to nappe-stacking during the Variscan orogeny* ***P4B***

**Robledo**, F., Butler, R., Bond, C.

*How do geologists interpret faults?* ***P5A***

**Sleath P. R**., Butler R. W.H., Bond C. E.

*Ramps first: Thrust localisation in a single competent layer* ***P5B***

**Davide Vianello**, Mosca P., Bonetto S.

*Discontinuities network of the southern sector of Mont Chaberton (Western Alps)* ***P6A***