



3rd International Congress on Stratigraphy

strati 2019

2-5 July 2019, Milano, Italy



UNIVERSITÀ DEGLI STUDI
DI MILANO
DIPARTIMENTO DI SCIENZE
DELLA TERRA "ARDITO DESIO"

Second Circular

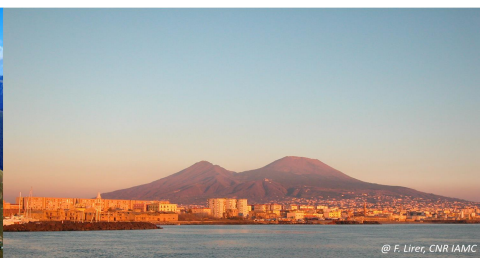
Following the first edition of this congress, held in Lisbon (Portugal) in 2013 and the second edition organized in Graz (Austria) in 2015, the third edition of STRATI will be held in **Milano (Italy), 2-5 July 2019**. As in previous editions, the congress will also host meetings of the ICS and of its Subcommissions to debate topics and problems in updating and improving the geological time scale.

VENUE

The congress will be held in the prestigious venue of the Università degli Studi di Milano, Via Festa del Perdono 7, located in the old "Ca' Granda" (literally "the Big House"). It is a striking historical complex in the heart of the city, located only a seven-minute walk from the famous Piazza del Duomo and easily reachable by public transportation. The University's main campus, a former hospital built between 1456 and 1472, is one of the most historically and artistically significant buildings in Milano.

LOCATION

Milano is a city with an eclectic spirit that can please everyone: those who seek for art and those who prefer food, recreation or business. Located in North Italy, Milano is often referred to as the Italian "capital of industry, commerce, finance, fashion and design". The history of the town dates back to Roman times. Such a long history is well documented by monuments and churches. Milano was also visited by several artists, especially during the Middle Age and the Renaissance, whose masterpieces are preserved in several Museums. The most representative monument is the Duomo, the highest expression of the Italian Gothic. The quality of accommodation and tourist attraction in Milano and the excellent transport links with most Italian and European towns, will make this event very interesting for the international audience.



SCIENTIFIC SESSIONS

The following scientific sessions have been proposed covering a wide range of stratigraphic topics.

For more detailed information visit the congress website

<http://www.strati2019.it/index.php/program/scientific-sessions>

T1. History of Stratigraphy

ST1.1 History of Stratigraphy in Italian environments (17th – 20th centuries) (sponsored by INHIGEO IUGG commission)

T2. Stratigraphic tools

ST2.1 Chemo- and biostratigraphy: complementary or antagonistic tools?

ST2.2 Conodonts as tools for biostratigraphy, chronostratigraphy, chemostratigraphy and evolution

ST2.3 Applications of cyclostratigraphy in understanding Earth history

ST2.4 Ammonoids in stratigraphy

ST2.5 Big data in stratigraphy

ST2.6 Does the Golden Spike still glitter?

ST2.7 Towards a calibrated paleobotanical zonation: from –zoic to –phytic

ST2.8 Sediment archives from ocean drilling: insight into the development and improvement of Biochronology and Time Scales

ST2.9 Improved reconstruction of geomagnetic field variations from ¹⁰Be and paleomagnetic methods: a stratigraphic tool for global synchronization of paleorecords

T3. Erathemes, Systems, Series and Stages

ST3.1 Ediacaran Subdivision

ST3.2 Cambrian stratigraphy, events and geochronology

ST3.3 Silurian odyssey towards advanced stratigraphy and correlation

ST3.4 The Devonian: life, environments and time

ST3.5 Carboniferous-Permian GSSPs and correlations: state of the art

ST3.6 Late Triassic biotic, climatic and environmental events and timescales

ST3.7 Towards an Integrated Stratigraphy for the Jurassic

ST3.8 Cretaceous integrated stratigraphy, greenhouse climate change and events

ST3.9 Paleogene stratigraphy, timescales and global change

ST3.10 Integrated stratigraphy and paleoclimatic and paleoceanographic events in the Neogene

ST3.11 Quaternary stratigraphy and chronostratigraphy

T4. Stratigraphy of carbonates and carbonate platforms

ST4.1 High-resolution stratigraphy of Carbonate Platforms: unlocking the shallow-water archive of extreme palaeoenvironmental events

T5. Stratigraphy of volcanoes and of volcanic areas

ST5.1 Stratigraphy and mapping volcanic areas (sponsored by the Volcano Geology IAVCEI commission)

T6. Antarctic and Arctic

ST6.1 Combining Arctic and Antarctic paleoclimate and paleoceanographic stratigraphic records with models to understand past and future evolution of bi-polar linkages

ST6.2 Ice core stratigraphy: regional to global paleoclimatic reconstruction

T7. Stratigraphy and geological mapping

No session proposals submitted

T8. Subsurface stratigraphy

ST8.1 The value of integration between classical seismo-stratigraphic methods and new technologies in subsurface stratigraphy and in the linkage to their outcropping counterparts

ST8.2 Integrated bio- and chemo-stratigraphic approaches in a subsurface perspective: industrial and academic applications

T9. Geochronology and time scales

ST9.1 Natural time subdivisions from latest Permian to the Middle Triassic: the fundamental role of the biotic to abiotic couplings

ST9.2 Calibrating rates and dates in stratigraphy

T10. Stratigraphy in crystalline rocks

No session proposals submitted

T11. Open theme

ST11.1 Homo and other mammal dispersals in Europe during the Pleistocene: stratigraphy and biochronology, paleoecology and palaeobiogeography

ST11.2 Stratigraphy and distribution of Mesozoic Oceanic Anoxic Events: recent progresses and new perspectives

ST11.3 Archaeological stratigraphies: from the excavation to the laboratory

ST11.4 General session on Stratigraphy

PLENARY LECTURES

The program of the plenary lectures will be available on the congress website starting from April 2019.

ABSTRACT SUBMISSION

Abstracts will be collected via the congress website.

Instructions are available at <http://www.strati2019.it/index.php/abstracts/how-to-submit-an-abstract>

FIELD TRIPS

Italy offers a wide variety of extraordinary stratigraphic successions and settings in breath-taking natural environments. The congress is a great occasion to see excellent outcrops with the guide of the most experienced stratigraphers. The position of Milano and the good connection to the rest of the country and Europe offer the opportunity for extensive field trips, ranging from one day up to 4 days and covering most parts of Italy.

The following field trips have been selected by the Field Trip Committee of STRATI 2019 and organized by Eravel Service S.r.l.:

PRE-Congress field trips:

FT1. The stratigraphic succession of Etna volcano (4 days). Field Trip leaders/co-leaders: S. Branca, M. Coltelli, G. Groppelli.

FT2. Greenhouse to icehouse transition in the Majella carbonate ramp (Eocene to Miocene) (2 days). Field Trip leaders/co-leaders: M. Brandano, I. Cornacchia, L. Tomassetti, I. Raffi, S. Ricci, A. Garzarella

FT3. Stratigraphy and facies of the Triassic-Jurassic boundary interval and of Mesozoic Oceanic Anoxic Events in the Apennine carbonate Platform (southern Italy) (2 days). Field Trip leaders/co-leaders: M. Parente, A. Iannace, S. Amodio.

FT4. Stratigraphic successions in Campania active volcanic areas (3 days). Field Trip leaders/co-leaders: P. Petrosino, C. Scarpati.

FT5. Permian to Lower-Middle Triassic continental succession of Nurra (NW Sardinia): stratigraphy, sedimentology and paleontology of a key section in southwestern paleoeurope (3 days). Field Trip leaders/co-leaders: A. Ronchi, M. Romano, P. Citton, J. López-Gómez, M. Durand.

FT6. The contribution of the Umbria-Marche pelagic succession (central Italy) to the Cretaceous-Paleogene Time Scale (and beyond) (3 days). Field Trip leaders/co-leaders: S. Galeotti, I. Premoli Silva.

FT7. The Lower Pleistocene Arda River marine succession (Northern Italy) (1 day). Field Trip leaders/co-leaders: G. Crippa, F. Felletti, M. Marini, G. Raineri, C. Francou.

FT8. The pelagic succession of the Lombardy Basin: a Jurassic journey at Colle di Sogno (1 day). Field Trip leaders/co-leaders: E. Erba, F. Jadoul, C. Bottini.

POST-Congress field trips:

FT9. The record of the Messinian salinity crisis in the Piedmont Basin (NW Italy): stratigraphy, sedimentology and geomicrobiology (2 days). Field Trip leaders/co-leaders: F. Dela Pierre, F. Lozar, M. Natalicchio.

FT10. Plio-Pleistocene history and landscape evolution of the intermountain Upper Valdarno Basin (central Italy) (2 days). Field Trip leaders/co-leaders: A. Bertini, G. Mazza.

FT11. Permian and Triassic sedimentary basins from Sicily (3 days). Field Trip leaders/co-leaders: P. Di Stefano, S. Todaro.

FT12. Cambrian palaeoenvironments, biotas and boundaries in South-Western Sardinia (Italy) (2 days). Field Trip leaders/co-leaders: G. Luigi Pillola.

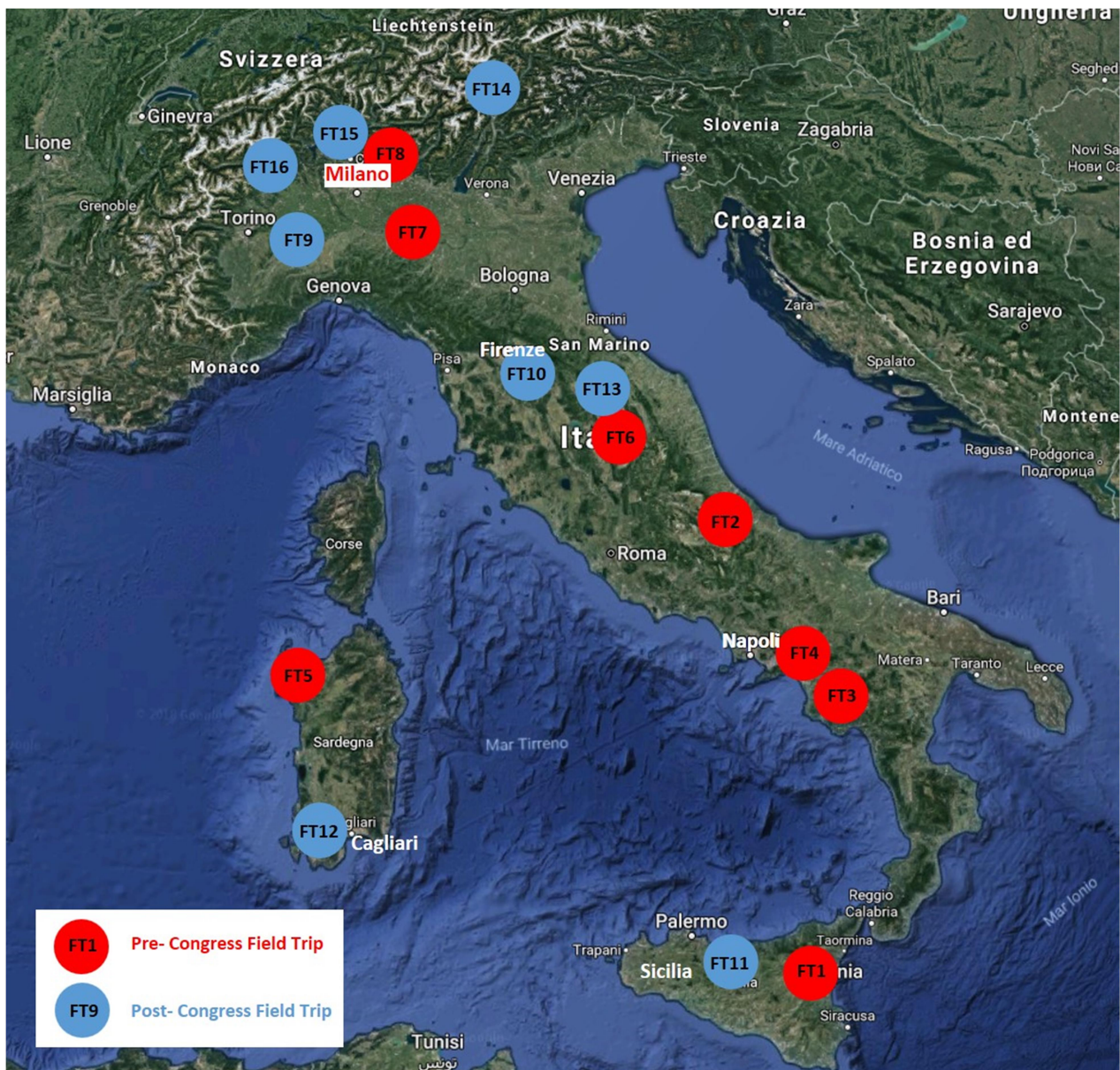
FT13. Pelagic carbonate platform (PCP)/Basin systems in the Jurassic of Northern Apennines: field geometries, stratigraphy, facies and paleotectonic evolution (3 days). Field Trip leaders/co-leaders: M. Santantonio, S. Fabbi, A. Cipriani, G. Innamorati.

FT14. Bedding patterns and facies in Middle Triassic carbonates (Dolomites): assessing the impact of seawater chemistry and subsidence changes within a high-resolution stratigraphic framework (4 days). Field Trip leaders/co-leaders: P. Brack, P. Gianolla, N. Preto.

FT15. A journey from shallow to deep water facies in a Triassic carbonate platform: sedimentological expression of the demise of a carbonate system (1 day). Field Trip leaders/co-leaders: F. Berra, F. Jadoul.

FT16. The Quaternary interglacial-glacial cycles recorded in the Ivrea Morainic Amphitheatre, the most notable end-moraine system in the European Alps (latest Early Pleistocene-Late Pleistocene, Piedmont, Italy) (1 day). Field Trip leaders/co-leaders: F. Gianotti.

Detailed information, registration and payment available at
<https://www.eravelservice.com/unimistrati2019milano/>



REGISTRATION

Full instructions about registration to the congress and details on payment are available on the congress website

(<http://www.strati2019.it/index.php/registration/registration-fees>)

HOW TO TRAVEL TO MILANO AND ACCOMMODATION

Milano can be easily reached by train and by plane (three international airports are located in the surrounding of the city). The venue of the congress is very easy to reach through a dense network of surface and underground/subway transportation. Detailed information on transportation, accommodation and tourism in Milano is provided on the congress website.

IMPORTANT DATES

Deadlines:

- Abstract submission:
Submission: **from 10 January 2019**
deadline 10 March 2019
- Conference registration and payment:
from 15 February 2019
Early registration: **deadline 15 May 2019**
Standard registration: **from 16 May 2019**
- Field trip registration and payment:
Registration: **deadline 30 January 2019**
Payment: **deadline 28 February 2019 (last date, no extensions)**
- On-line publication of the Final Scientific Program: **19 April 2019**

CONTACT US

If you have any inquiries, please contact us:

General congress e-mail: info@strati2019.it

Payment inquiries: info@socgeol.it

Abstract inquiries: abstract@strati2019.it

Congress website: <http://www.strati2019.it>

Postal address:

3rd International Congress on Stratigraphy – Strati 2019

c/o Dipartimento di Scienze della Terra, Università degli Studi di Milano, Via Mangiagalli 34, 20133 Milano – Italy

