

CURRICULUM VITAE ET STUDIORUM: Dr. Luigi Bruno

Personal data: Born in Terlizzi (BA), 04/07/1980

Present Position: Associate Professor

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EDUCATION

- **April 2014** Ph.D. in Earth Sciences at the University of Bologna with a thesis entitled '*Palaeosol-based stratigraphy of Late Quaternary deposits from the Po Basin, between Bologna and the Po River (Northern Italy)*' under the supervision of Prof. Alessandro Amorosi.
- **October 2010** Degree in Geology and Territory (summa cum laude) at the University of Bologna with a thesis entitled '*Stratigraphy and facies analysis of Quaternary deposits in the urban area of Bologna, northern Italy*', under the supervision of Prof. Alessandro Amorosi.
- **March 2009** Degree in Geological Sciences (summa cum laude) at the University of Bologna with a thesis entitled '*Geological and structural survey along the Mattinata fault, Gargano Promontory, southern Italy*', under the supervision of Prof. Luigi Selli.

PREVIOUS POSITIONS AND FELLOSHIPS

- **From November 2018 to November 2021.** RTDb at University of Modena and Reggio Emilia
- **From January 2014 to November 2018.** Postdoctoral position at the University of Bologna.

VISITS AND STAYS

- **September 2018** Visiting scientist at Utrecht University;
- **July 2018** Visiting scientist at ETH, Zurich;
- **February-May 2013** Visiting PhD student at ETH, Zurich;
- **February-May 2012** Visiting PhD student at ETH, Zurich.

BRIEF DESCRIPTION OF THE RESEARCH ACTIVITY

- Quaternary stratigraphy and sedimentology. Reconstruction of late Quaternary alluvial and coastal sedimentary processes and events, through subsurface investigation and core analysis. Paleogeographic and paleoenvironmental evolution of alluvial and coastal plains. Influence of the structural setting on sedimentation in tectonically active areas. Paleosol stratigraphy of Late Pleistocene and Holocene alluvial successions. Geoarcheology of Middle-Late Holocene deposits and mutual influence between human activity and sedimentary processes. Quantification of sedimentary processes in source-to-sink systems, calculation of volumes and sedimentation rates.

MAJOR COLLABORATIONS AND RESEARCH PROJECTS

- Progetto CARG, Foglio 183 della Carta Geologica d'Italia alla scala 1:50.000. Ruolo: coordinatore.
- Progetto CARG, Foglio 184 della Carta Geologica d'Italia alla scala 1:50.000. Ruolo: coordinatore.

- Progetto CARG, Foglio 185 della Carta Geologica d'Italia alla scala 1:50.000. Ruolo: partecipante. Responsabile scientifico per il DSCG della Convenzione tra Università di Ferrara e Università di Modena.
- “Geological evolution and hydrostratigraphy of Coxilha das Lombas, northwestern coastal plain of Rio Grande do Sul”. Ruolo: partecipante
- PRIN 2017 (MIUR): “The Po-Adriatic Source-to-Sink system (PASS): from modern sedimentary processes to millennial-scale stratigraphic architecture”. PI: Prof. A. Amorosi (Università di Bologna).
- “Rilevamento stratigrafico per la valutazione della pericolosità sismica locale in aree test della pianura ferrarese e ravennate”. Progetto finanziato da Regione Emilia-Romagna. Ruolo: Responsabile del Work Package WP1: “Analisi stratigrafica”. PI: Prof. Alessandro Amorosi (Università di Bologna).
- Source-to-sink study of the Po-Adriatic System, in collaboration with the Upstream Research Group of ExxonMobil and Institute of Marine Sciences (ISMAR) of the National Research Council (CNR).
- Evaluation of the liquefaction hazard in the central Po Plain. Research project promoted by Regione Lombardia in the framework of EU Project “GeoMol” Alpine Space Program, in collaboration with Mantova and Cremona County Administrations, National Research Council-IDPA and the University of Bologna.
- Calculation of compaction of Late Pleistocene and Holocene sediments and its influence on strata deformation. In collaboration with the University of Utrecht.
- Impact of recent tectonic on Late Quaternary strata deformation. In collaboration with ETH of Zurich.

MEMBERSHIPS

- Member of the International Association of Sedimentology.
- Member of the Italian Geological Society
- Member of the directive council of Geosed (section of the Italian Geological Society)
- Member of the Doctorate School ‘M3ES - PhD Course in Models and Methods for Materials and Environmental Sciences’ of the University of Modena and Reggio Emilia (from the academic year 2019/2020).
- Member of the coordination committee of the sheet 184 and 185 of the Geological Map of Italy.

TEACHING ACTIVITIES

- Teacher of the course: *Rilevamento Geologico* at the bachelor degree course in Scienze Geologiche, University of Modena and Reggio Emilia (from the academic year 2018/2019)
- Teacher of the course: *Geologia Stratigrafica e Carte Geologiche* at the bachelor degree course in Scienze Geologiche, University of Modena and Reggio Emilia (from the academic year 2019/2020)

SUPERVISION OF PhD STUDENTS AND POSTDOCTORAL FELLOWS

- **2024-2027.** Supervisor of the PhD Student Alessio Mainini working on a thesis entitled “*Artificial groundwater recharge in the Emilia Romagna Region: identification of suitable sites, actions and effectiveness evaluation in a climate-change scenario*”. PhD course in Models and Methods for Material and Environmental Sciences (M3ES), University of Modena and Reggio Emilia.
- **2020-2023.** Supervisor of the PhD Student Luca Demurtas working on a thesis entitled “*Sedimentary architecture and evolution of the central Po Plain through integrated stratigraphic and petrographic analyses*”. PhD course in Models and Methods for Material and Environmental Sciences (M3ES), University of Modena and Reggio Emilia.

- **2016-2019.** Co-supervisor of the Ph.D. Student, Bianca Costagli working on a thesis entitled “*Deformed stratigraphic markers in the shallow subsurface of the Po Plain. Possible indicators of tectonic activity?*”. PhD program in Earth, Life and Environmental Sciences (STVA), University of Bologna.

ACTIVITIES IN REFERRED SCIENTIFIC JOURNALS.

Guest Editor of the Special Issue: “*Quaternary Stratigraphy of Alluvial and Coastal Plains: Recent Advances and Potential Applications*”. **Geosciences** (ISSN 2076-3263).

Review activity for:

- Palaeogeography, Palaeoclimatology, Palaeoecology
- Quaternary Science Review
- Sedimentology
- Basin Research
- Marine Geodesy
- Environmental Earth Sciences
- Catena
- Sedimentary Geology
- Land
- Water

BIBLIOMETRIC INDICATORS (Source: Scopus) AND SCIENTIFIC PRODUCTION

Total number of publications in scientific journals: 37

Total number of book chapters: 1

Total number of other publications: 5

Total number of citations: 762

h-index: 16

Average number of citations per publication: 20.6

Average number of citations per year: 69.3

LIST OF SCIENTIFIC PUBLICATIONS ON INTERNATIONAL JOURNALS WITH IF.

1. Bruno, L., Meli, M., Garberi, M.L. *Human-induced landscape modification in the in the last two centuries in the Po delta plain (Northern Italy)*. **Anthropocene**, 2024, 48, 100453.
2. Bruno, L. Demurtas, L., , Magri, D. , Vecchi, A., Amorosi, A. *Sedimentary response of the Po Basin to Mid-Late Pleistocene glacio-eustatic oscillations*. **Quaternary Science Reviews**, 2024, 344, 109005.
3. Demurtas, L., Fontana, D., Lugli, S., Bruno, L. *Multi-source detrital contributions in the Po alluvial basin (northern Italy) since the Middle Pleistocene. Insights into sediment accumulation in intermediate sinks*. **Basin Research**, 2024, 36(1), e12858.
4. Giacomelli, S., Zuccarini, A., Amorosi, A., Bruno, L., Severi, P., Berti, M. *3D geological modelling of the Bologna urban area (Italy)*. **Engineering Geology**, 2023, 324, 107242
5. Campo, B., Bruno, L., Amorosi, A. *Sedimentary facies characterization through CPTU profiles: An effective tool for subsurface investigation of modern alluvial and coastal plains*. **Sedimentology**, 2023, 70/4, 1302-1327.
6. Amorosi, A., Bruno, L., Caldara, M., Campo, B., Cau S., De Santis, V., Di Martino, A., Hong W., Lucci, G., Pellegrini, C., Rossi, V., Sammartino, I. *Late Quaternary sedimentary record*

- of estuarine incised-valley filling and interfluvial flooding: The Manfredonia paleovalley system (southern Italy)*. **Marine and Petroleum Geology**, 2023, 147, 105975.
7. Demurtas, L., Bruno, L., Lugli, S., Fontana, D., *Evolution of the Po–Alpine River System during the Last 45 Ky Inferred from Stratigraphic and Compositional Evidence (Ostiglia, Northern Italy)*. **Geosciences**, 2022, 12/9, 342.
 8. Bruno, L., Campo, B., Hajdas, I., Hong, W., Amorosi, A. *Timing and mechanisms of sediment accumulation and pedogenesis: Insights from the Po Plain (northern Italy)*. **Palaeogeography, Palaeoclimatology, Palaeoecology**, 2022, 591, 110881.
 9. Lugli, F., Cipriani, A., Bruno, L., Ronchetti, F., Cavazzuti, C., Benazzi, S. *A strontium isoscape of Italy for provenance studies*. **Chemical Geology**, 2022, 587, 120624.
 10. Amorosi, A., Bruno, L., Cacciari, M., Campo, B., Rossi, V. *Tracing marine flooding surface equivalents across freshwater peats and other wetland deposits by integrated sedimentological and pollen data*. **International Journal of Coal Geology**, 2021, 246, 103830.
 11. Bruno, L., Amorosi, A., Lugli, S., Sammartino, I., Fontana, D. *Trunk river and tributary interactions recorded in the Pleistocene–Holocene stratigraphy of the Po Plain (northern Italy)*. **Sedimentology**, 2021, 68/6, 2918-2943.
 12. Rossi, V., Barbieri, G., Vaiani, S.C., ...Marvelli, S., Amorosi, A.; *Millennial-scale shifts in microtidal ecosystems during the Holocene: dynamics and drivers of change from the Po Plain coastal record (NE Italy)*. **Journal of Quaternary Science**, 2021.
 13. Amorosi, A., Bruno, L., Campo, B., Di Martino, A., Sammartino, I. *Patterns of geochemical variability across weakly developed paleosol profiles and their role as regional stratigraphic markers (Upper Pleistocene, Po Plain)*. **Palaeogeography, Palaeoclimatology, Palaeoecology**, 2021, 574, 110413.
 14. Amorosi, A., Bruno, L., Campo, B., ...Picotti, V., Vaiani, S.C.; *Deformation patterns of upper Quaternary strata and their relation to active tectonics, Po Basin, Italy*. **Sedimentology** (2021), 68(1), pp. 402–424.
 15. Campo, B., Bruno, L., Amorosi, A.; *Basin-scale stratigraphic correlation of late Pleistocene–Holocene (MIS 5e – MIS 1) strata across the rapidly subsiding Po Basin (northern Italy)*. **Quaternary Science Review** (2020) 237, 106300, DOI: 10.1016/j.quascirev.2020.106300.
 16. Bruno, L., Marchi, M., Bartolini, I., Gottardi G., Amorosi, A.; *Climate control on stacked paleosols in the Pleistocene of the Po Basin (northern Italy)*. **Journal of Quaternary Research** (2020), 35/4, 559-571, DOI: 10.1002/jqs.3199.
 17. Amorosi, A., Bruno, L., Campo, B., Costagli, B., Dinelli, E., Sammartino, I., Hong, W., Vaiani, S.C.; *Tracing clinothem geometry and sediment pathways in the prograding Holocene Po Delta system through integrated core stratigraphy*. **Basin Research** (2020), 32, 206-215, DOI: 10.1111/bre.12360.
 18. Cacciari, M., Amorosi, A., Marchesini, M., Kaniewski, D., Bruno L, Campo, B and Rossi, V.; *Linking Holocene vegetation dynamics, palaeoclimate variability and depositional patterns in coastal successions: Insights from the Po Delta plain of northern Italy*. **Palaeogeography Palaeoclimatology Palaeoecology** (2020), 538, 109468, DOI: 10.1016/j.palaeo.2019.109468
 19. Amorosi, A., Barbieri, G., Bruno, L., Campo, B., Costagli, B., Dinelli, E., Sammartino, I., Hong, W., Vaiani, S.C.; *Three-fold nature of coastal progradation during the Holocene eustatic highstand, Po Plain, Italy – close correspondence of stratal character with distribution patterns*. **Sedimentology** (2019), 66, 3029-3052, DOI: 10.1111/sed.12621.
 20. Bruno, L.; Campo, B.; Di Martino, A.; Hong, W; Amorosi, A.; *Peat layer accumulation and post-burial deformation during the mid-late Holocene in the Po coastal plain (Northern Italy)*. **Basin Research** (2019), 31 (3), 621-639, DOI: 10.1111/bre.12339.
 21. Giacomelli, S., Rossi, V., Amorosi, A., Bruno, L., Campo, B., Ciampalini, A., Civa, A., Hong, W., Sgavetti M., de Souza Filho, C.R.; *A mid late Holocene tidally-influenced drainage system*

- revealed by integrated remote sensing, sedimentological and stratigraphic data. **Geomorphology** (2018), 318, 421-436. DOI: 10.1016/j.geomorph.2018.07.004.
22. Bruno, L., Piccin, A., Sammartino, I., Amorosi, A.; *Decoupled geomorphic and sedimentary response of Po River and its Alpine tributaries during the last glacial/post-glacial episode.* **Geomorphology** (2018), 317, 184-198. DOI: 10.1016/j.geomorph.2018.05.027.
 23. Bruno, L., Bohacs, K.M., Campo, B., Drexler, T.M., Rossi, V., Sammartino, I., Scarponi, D., Hong, W., Amorosi, A.; *Early Holocene transgressive paleogeography in the Po coastal plain (Northern Italy).* **Sedimentology** (2017), 64/7, 1792-1816. DOI: 10.1111/sed.12374.
 24. Amorosi, A., Bruno, L., Campo, B., Morelli, A., Rossi, V., Scarponi, D., Hong, W., Bohacs, K.M., Drexler, T.M.; *Global sea-level control on local parasequence architecture from the Holocene record of the Po Plain, Italy.* **Marine and Petroleum Geology** (2017), 87, 99-111. DOI: 10.1016/j.marpetgeo.2017.01.020.
 25. Morelli, A., Bruno, L., Cleveland, D.M., Drexler, T.M., Amorosi, A.; *Reconstructing Last Glacial Maximum and Younger Dryas paleolandscapes through subsurface paleosol stratigraphy: An example from the Po coastal plain, Italy.* **Geomorphology** (2017), 295, 790-800. DOI: 10.1016/j.geomorph.2017.08.013.
 26. Bruno, L., Amorosi, A., Severi., Costagli, B.; *Late Quaternary aggradation rates and stratigraphic architecture of the southern Po Plain, Italy.* **Basin Research** (2017), 29/2, 234-248. DOI: 10.1111/bre.12174.
 27. Amorosi, A., Bruno, L., Cleveland, D.M., Morelli, A., Hong, W.; *Paleosols and associated channel-belt sand bodies from a continuously subsiding late Quaternary system (Po Basin, Italy): New insights into continental sequence stratigraphy.* **Geological Society of America Bulletin** (2017), 129/3-4, 449-463. DOI: 10.1130/B31575.1.
 28. Amorosi, A.; Bruno, L., Facciorusso, J., Sammartino, I., Piccin, A., *Stratigraphic control on earthquake-induced liquefaction: A case study from the Central Po Plain (Italy).* **Sedimentary Geology** (2016), 345, 42-53. DOI: 10.1016/j.sedgeo.2016.09.002.
 29. Campo, B., Amorosi, A., Bruno, L.; *Contrasting alluvial architecture of late Pleistocene and Holocene deposits along a 120-km transect from the central Po Plain (northern Italy).* **Sedimentary Geology** (2016), 341, 265-275. DOI: 10.1016/j.sedgeo.2016.04.013.
 30. Amorosi, A., Bruno, L., Campo, B., Morelli, A.; *The value of pocket penetration tests for the high-resolution paleosol stratigraphy of late Quaternary deposits.* **Geological Journal** (2015), 50, 670-682. DOI: 10.1002/gj.2585.
 31. Bruno, L., Amorosi, A., Severi., P., Bartolomei, P.; *High-frequency depositional cycles within the late Quaternary alluvial succession of Reno River (northern Italy).* **Italian Journal of Geosciences** (2015), 134, 339-354.
 32. Amorosi, A., Bruno, L., Rossi, V., Severi., P., Hajdas, I.; *Paleosol architecture of a late Quaternary basin-margin sequence and its implications for high-resolution, non-marine sequence stratigraphy.* **Global and Planetary Change** (2014), 112, 12-25. DOI: 10.1016/j.gloplacha.2013.10.007.
 33. Bruno, L., Amorosi, A., Severi., P., Curina, R., Bitelli, R.; *Human-landscape interactions in the Bologna area (Northern Italy) during the mid-late Holocene, with focus on Roman period.* **The Holocene** (2013), 23, 1560-1571. DOI: 10.1177/0959683613499054.

BOOK CHAPTERS AND CONFERENCE PROCEEDINGS

1. Campo, B., Morelli, A., Amorosi, A., Bruno, L., Scarponi, D., Rossi, V., Bohacs, K.M., Drexler, T.M. *Last-Glacial-Maximum Depositional Sequence, Upper Pleistocene to Holocene, Po Plain Italy.* In: Bohacs, K.M., Lazar, R., *Sequence Stratigraphy-Application to*

- Fine-Grained Rocks*”, (2022), AAPG Memoir (ISSN: 0271-8521). The American Association of Petroleum Geologists, pp. 737-598. ISBN 13: 978-0-89181-431-3.
2. Bertolini, I., Marchi, M., Tonni, L., Gottardi, G., Bruno, L., Amorosi, A. *CPT data interpretation for an improved characterization of the paleosol stratigraphy in the Po River Valley, Italy. Cone Penetration Testing 2022 - Proceedings of the 5th International Symposium on Cone Penetration Testing, CPT 2022*, Pages 294-299, 2022, 5th International Symposium on Cone Penetration Testing, CPT 2022, Bologna 8-10 June 2022, 286589.
 3. Bruno, L., Campo, B., Costagli, B., Stouthamer, E., Teatini, P., Zoccarato, C., Amorosi, A. *Factors controlling natural subsidence in the Po Plain*. Proc. IAHS, 382, 285–290, 2020 <https://doi.org/10.5194/piahs-382-285-2020>. Bruno, L., Campo, B., Costagli, B., Stouthamer, E., Teatini, P. Zoccarato, C., Amorosi, A. *Factors controlling natural subsidence in the Po Plain. Proceedings of the International Association of Hydrological Sciences*, 382, 285-290, 10th International Symposium on Land Subsidence, TISOLS 2020, Delft 17-21 May 2021, 161351.
 4. Amorosi, A., Bohacs, K.M., Bruno, L., Campo, B., Drexler, T.M. *How close is geological thought to reality? The concept of time as revealed by the sequence stratigraphy of the late Quaternary record*. (<https://doi.org/10.5724/gcs.17.047>) In Hart, B., Rosen, N.C., West, D., D’Agostino, A., Messina, C., Hoffman, M. & Wild, R. (Eds.), *Sequence Stratigraphy: The Future Defined* (ISSN: 1060-071X). 2019 SEPM Gulf Coast Section Publications, pp. 47-86.
 5. Marchi, M, Bertolini, I, Gottardi, G, Amorosi, A, Bruno, L. *From geological and historical data to the geotechnical model of the Two Towers in Bologna (Italy). 17th European Conference on Soil Mechanics and Geotechnical Engineering, ECSMGE 2019 - Proceedings* (ISBN 978-9935-9436-1-3), 2019, ECSMGE 2019 Geotechnical Engineering foundation of the future, Reykjavik 1-6 September 2019, 167797. doi: 10.32075/17ECSMGE-2019-0269.
 6. Cacciari, M., Rossi, V., Marchesini, M., Amorosi, A., Bruno, L., Campo, B.; *Palynological characterization of the Po delta succession (northern Italy): Holocene vegetation dynamics, stratigraphic patterns and palaeoclimate variability. Alpine and Mediterranean Quaternary* (2018), 31/1, 109-112. DOI: 10.26382/AIQUA.2018.AIQUAconference.

ACTIVITIES IN SCIENTIFIC MEETINGS

- Convener of the session “Sinkholes vs. land subsidence: assessment of the geological hazards and impacts on environment and society” of the SGI-SIMP Congress “Geology for a sustainable management of our Planet”, September 3rd-5th 2023, Bari, Italy.
- Convener of the session “Quaternary Sedimentary-Basins Evolution: controlling factors and implications for future scenarios or past reconstructions” of the 21st Inqua Congress, July 14th-20th 2023, Rome, Italy.
- Co-Organizer of the short course “*Integrated sediment core analysis*” at the International Conference on Fluvial Sedimentology 2023, July 2nd-7th 2023, Riva del Garda, Italy. (<https://www.icfs2023.it/short-courses>).

- Convener of the session “From river catchments to the deep sea: case studies, applications, state of the art and new frontiers of source-to-sink research” of the 36th IAS Meeting of Sedimentology, June 12th-16th 2023, Dubrovnik, Croatia.
- Convener of the session “Deep-water channels: Morphology, architecture, flow dynamics” of the 21st International Sedimentological Congress, August 22nd-26th 2022, Beijing (online).
- Convener of the session ‘From Source to Sink – the history of sediments inferred from the geological record’ of the SGI-SIMP Congress “Geosciences for a Sustainable Future”, September 19th-21st 2022, Torino, Italy.

POSTERS AND ORAL PRESENTATIONS

Bruno L., Cicala M., Festa E., Marroccoli M., Parisi A., Sabato L., Tropeano M. & Vescogni A.
Surface and subsurface geology of Gravina in Puglia, Southern Italy
Geology for a sustainable management of our Planet, SGI-SIMP Congress, 3-5 September 2024, Bari, Italy

Demurtas L., Bruno L., Amorosi A.
Subsidence in the Po Plain (Northern Italy) during the last 500 ky
Geology for a sustainable management of our Planet, SGI-SIMP Congress, 3-5 September 2024, Bari, Italy

Lucci G., Bruno L., Purri F., Di Martino A., Amorosi A.
Shallow subsurface stratigraphy of the Mirandola Area (central Po Plain) reconstructed through combined sedimentological and geotechnical analysis
Geology for a sustainable management of our Planet, SGI-SIMP Congress, 3-5 September 2024, Bari, Italy

Watanabe D., Bruno L., Amorosi A.
Holocene sedimentary and geomorphological evolution of the Po Plain between Po, Secchia and Panaro rivers, reconstructed through a morpho-stratigraphic approach
Geology for a sustainable management of our Planet, SGI-SIMP Congress, 3-5 September 2024, Bari, Italy

Demurtas L., Amorosi A., Bruno L.
Pleistocene-Holocene stratigraphic architecture of the Po Plain.
The Geoscience paradigm: resources, risk and future perspectives SGI-SIMP Congress, 19-21 September 2023, Potenza, Italy

Bruno L., Amorosi A.
River instability during the Middle Ages in the Po Plain. Insights into mechanisms and rates of alluvial sedimentation.
The Geoscience paradigm: resources, risk and future perspectives SGI-SIMP Congress, 19-21 September 2023, Potenza, Italy

Bruno L., Amorosi A., Fontana D., Lugli S., Sammartino, I.
Trunk river and tributary interactions and implications for coarse vs fine-grained sediment storage in the Po alluvial basin (northern Italy).
Geology without borders. 90th Congress of the Italian Geological Society, 14-16 September 2021 (online)

Bruno L., Campo B., Amorosi A.

Late Pleistocene-Holocene evolution of the Po River mouth (virtual fieldtrip).

ICFS 2021 virtual meeting, 14-15 July 2021

Bruno L., Campo B., Costagli B., Amorosi A.

Holocene sedimentary evolution of the Po coastal plain (northern Italy) and its relations with differential subsidence.

IAS – 34th Meeting of Sedimentology, 21st-25th June 2021, Prague (online).

Campo B., Bruno L., Amorosi A.

Characterizing late Quaternary paralic to shallow-marine facies associations through piezocone penetration tests (Po Basin, Italy).

IAS – 34th Meeting of Sedimentology, 21st-25th June 2021, Prague (online).

Rossi V., Barbieri G., Vaiani S.C., Cacciari M., Bruno L., Campo B., Marchesini M., Marvelli S., Amorosi A.

Holocene environmental dynamics of microtidal paralic systems: a multi-proxy record from the Po coastal plain.

IAS – 34th Meeting of Sedimentology, 21st-25th June 2021, Prague (online).

Bruno L.

From a river- to a man-dominated environment. Insights from the geo-archaeological record of Bologna (northern Italy)

EGU - European Geosciences Union - General Assembly, 19th-30th April 2021, Vienna (online).

Bruno L., Marchi M., Bertolini, I. Gottardi, G. Amorosi, A.

Climate control on Late Pleistocene paleosols in the Po Basin (northern Italy).

IAS – 34th Meeting of Sedimentology, 10th-13th September 2019, Rome.

Campo B., Bruno L., Costagli B., Dinelli E., Hong W., Sammartino I., Vaiani S.C., Amorosi A.

Unconventional sub-seismic stratigraphic approach to reveal clinothem boundaries in the mud-prone Holocene Po Delta system.

IAS – 34th Meeting of Sedimentology, 10th-13th September 2019, Rome.

Marchi M, Bertolini I, Gottardi G, Amorosi A, Bruno L.

From geological and historical data to the geotechnical model of the Two Towers in Bologna (Italy).

ECSMGE - XVII European Conference on Soil Mechanics and Geotechnical Engineering, 1st-6th September 2019, Reykjavik, Iceland.

Bruno L., Campo B., Costagli B., Picotti V. & Amorosi A.

Reconciling deep stratigraphy and shallow depositional architecture of the Po Plain through the integration of seismic and core data.

STRATI – 3rd International Congress on Stratigraphy, 2nd-5th July 2019, Milan.

Campo B., Bruno L., Di Martino A., Hong W. & Amorosi A.

Peat-based correlation and mapping as an effective tool to assess post-depositional strata deformation: an example from the mid-late Holocene Po delta plain succession (Northern Italy)

STRATI – 3rd International Congress on Stratigraphy, 2nd-5th July 2019, Milan.

Campo B., Bruno L., Amorosi A.

The buried Upper Pleistocene sedimentary succession of the Po Basin (Northern Italy): an expanded stratigraphic record of the Last Interglacial.

STRATI – Third International Congress on Stratigraphy, 2nd-5th July 2019, Milan.

Cacciari M, Rossi V, Marchesini M, Amorosi A, Bruno L., Campo B, and Kaniewski D
A stratigraphic-palynological approach to link Holocene vegetation dynamics, depositional patterns and palaeoclimate variability: insight from the Po delta plain (Northern Italy)

EGU - European Geosciences Union - General Assembly, 7th-12th April 2019, Vienna.

Rossi V, Amorosi A, Bruno L., Campo B, Giacomelli S

Ostracods and benthic foraminifers as a key to unravel Holocene depositional dynamics of coastal wetlands: evidence from the N Adriatic record.

EGU - European Geosciences Union - General Assembly, 7th-12th April 2019, Vienna.

Bruno L., Costagli B., Amorosi A.

Deformed stratigraphic markers in the shallow subsurface of the Po Plain: possible indicators of recent tectonic activity?

SGI-SIMP – Geosciences for the environment, natural hazard and cultural heritage, 12th-14th September 2018, Catania.

Bruno L., Campo B., Amorosi A.

Landscape evolution in the Po Plain between the Last Glacial Maximum and the present interglacial (~25 - 7.5 ky BP).

EGU - European Geosciences Union - General Assembly, 8th-13th April 2018, Vienna.

Amorosi, A., Barbieri, G., Bohacs, K.M., Bruno L., Campo, B., Drexler, T.M., Rossi, V., Sammartino, I., Scarponi, D., Vaiani, S.C.

Threefold dynamics of delta progradation revealed by the Holocene record of the Po River plain, Italy

EGU - European Geosciences Union - General Assembly, 8th-13th April 2018, Vienna, Austria.

Costagli, B., Bruno L., Amorosi, A.

Deformed stratigraphic markers in the shallow subsurface of the Po Plain: possible indicators of recent tectonic activity?

EGU - European Geosciences Union - General Assembly, 8th-13th April 2018, Vienna, Austria (poster).

Amorosi, A., Bohacs, K.M., Bruno L., Campo, B., Drexler, T.M.

How close is geological thought to reality? The concept of time as revealed by the Holocene sequence stratigraphy of the Po-Adriatic system, Italy

36th Annual Gulf Coast Section SEPM Foundation Perkins-Rosen Research Conference, 4-5 December 2017, Houston, Texas, USA.

Amorosi, A., Bruno L., Campo, B., Morelli, A., Rossi, V., Scarponi, D., Hong, W., Bohacs, K.M., Drexler, T.M.

Allogenic versus autogenic controls on millennial-scale parasequence architecture: A study from the Holocene record of the Po Plain, Italy

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