



Antonino Briguglio

Associate Professor

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Training and education

2019

Abilitazione Scientifica Nazionale per Professore Ordinario (I Fascia) - Section 04/A2

2017

Abilitazione Scientifica Nazionale per Professore Associato (II Fascia) - Section 04/A2

2016

Maître de conférences Section 36 Terre solide géodynamique des enveloppes supérieures paléobiosphère Ministère de l'Enseignement Supérieur et de la Recherche et les É - FR

2010

PhD in Paleontology

Hydrodynamic behaviour of nummulitids. - 1 (cum Laude) University of Vienna - Vienna - AT

2006

MSc in Earth Science

Biostratigraphy of Upper Eocene and Oligocene of Majella mountain (central Italy) with special reference to larger Foraminifers and Corals -108/110 Università la Sapienza - Roma - IT

Academic experience

2018 - NOW

Associate Professor

Università di Genova - Genova - IT Administration, teaching and research

2014-2017

Senior Lecturer, then Senior Assistant Professor

Universiti Brunei Darussalam - Bandar Seri Begawan - BN Administration, teaching and research

2013 - NOW

Lecturer

International School on Foraminifera - Urbino - IT Teaching

2007 - 2014

Prae-Doc, then Post Doc

University of Vienna - Vienna - AT Administration, teaching and research

Language skills

ITALIAN: mother tongue / ENGLISH: advanced / GERMAN: advanced

Research interests

Biostratigraphy, paleobiology, Sedimentology, Eocene and Oligocene larger Foraminifera.

Scientific production (source Scopus Databse. agg. 8/2025)

Scopus ID: [35755295200](#); Documents: 73; Citations: 1163; H-index: 21

Research projects / outreach activity

2011-2014: Functional Shell Morphology of Larger Benthic Foraminifera. Funded by the Austrian Science Foundation, Project number: P23459-B17. Grant: 194.082,00 € Project leader: Prof. Dr. Johann Hohenegger.

2012-2015: Larger Benthic Foraminiferal Growth Pattern And Strategies: A Tool For Deciphering Environmental Conditions In The Past. Funded to the Austrian Science Foundation, Project number: P25658-B25. Grant: 382.000,00 € Project leaders: Prof. Dr. Johann Hohenegger, Dr. Antonino Briguglio & Prof. Dr. Carles Ferrandes Canadell.

2013: PI at Ernst-Mach Scholarship, employed Laura Cotton: 3.760 €

2012: PI at Ernst-Mach Scholarship, employed Mona Seddighi: 7.520 €

2013-2015: Unit coordinator at Case-studies for Sr-isotope-ratio-based numerical dating of Senonian to Middle Miocene: geological events in the Western Tethys and adjacent seas. Funded by the Hungarian Scientific Research, Fund (OTKA), Project number: 100538. Grant: 80.000 € Project leader: Prof. Dr. Gyorgy Less.

2014: Synthesys Project: two weeks at NHM London.

2015: Main Applicant (PI) at: Project title: Unraveling the palaeobiodiversity of Brunei. Funding source: University Research Grant (URC): Project Leader: Antonino Briguglio. Funding: 20.000 BND (13.500 Euro).

2015: Co-Applicant (co-PI) at: Project title: Stratigraphic constrains on fossil rich sedimentary successions. Case studies in Brunei and Morocco. Funding source: University Research Grant (URC): Project Leader: Laszlo Kocsis. Funding: 20.000 BND (13.500 Euro).

2016: Co-Applicant (co-PI) at: Project title: Mineralogical and Geochemical study of laterite (paleo)ferricretes in Brunei Darussalam: origin, reactive pathways and environmental importance. Funding source: University Research Grant (URC): Project Leader: Andre Pinto. Funding: 20.000 BND (13.500 Euro).

2018: PI at curiosity DRIVEN. Evolutionary paleoenvironments of Liguria. Founded 77.000 €

2019-2022: Unit Coordinator at PRIN 2017: biota resilience to global change: Biomineralization of planktic and benthic Calcifiers in the past, present and future. MIUR. Funded: 65.675 €

2020: PI at Bando CARIGE per progetti scientifici. Progetto CambiaCLima: 23.000 €

2022: Comune di Deigo (SV): Contratto per divulgazione paleontologica: 8.000 €

2024: ISPRA: collaborazione per database stratigrafico : 44.800 €

2023: Comune di Carrosio (AL): Contratto per divulgazione Geosito: 22.000 €

2025: Comune di Carrosio (AL): Contratto per divulgazione Geosito: 10.000 €

Invited talks

Briguglio A. (2024) – Il capitale Naturale della Liguria: scoperte, conoscenze, protezione e divulgazione. Rotary GENOVA (I)

Briguglio A. (2022) – Quando il mare era a Nord. Accademia Ligure di Scienze e Lettere. Genova (I)

Briguglio A (2019) – Palaeobiological applications in Earth Sciences by means of Foraminifera (Unimore) (I)

Briguglio A (2013) - Tomography on Larger Benthic Foraminifera: an incredible amount of information - University Brunei Darussalam (BN).

Briguglio A (2013) - Virtual palaeontology: latest results on palaeobiology from computed tomography reconstructions explained by larger foraminifera. University of Modena (I).

Briguglio A. (2012) - Berechnete Röntgenstrahl-Tomographie: Neue Anwendungen für Paläontologen. University of Graz (A).

Briguglio A. (2011) - Lernen aus der Vergangenheit, um das Heute zu verstehen und die Zukunft vorauszusagen. Landesmuseum Linz (A).

Briguglio A. (2009) - In vita and post mortem forams events: hydrodynamic tools for paleoenvironmental reconstructions. 62nd Geological Kurultai of Turkey, (TR).

Teaching activity

Systematic Palaeontology (2007-2014);
Biostratigraphy and Evolution of Life (2007-2014);
Fossilisation and Palaeoecology (2007-2014);
Micropalaeontology (2007-2014 / 2018 - now);
Physical geology (2014 - 2017);
Introduction to Palaeontology (2014 - now);
Micropalaeontology and Biostratigraphy (2014 - 2017);
Advanced Sedimentology (2014-2017);
Geology of Brunei (2016 - 2017)
Introduction to Marine Paleobiology (2024 - now)

Students' supervision

PhD: 9 (listed below)

Wan Nurzalia Wan Saelan (PhD): depth distribution of benthic foraminifera in the upper sublittoral around Okinawa, Japan

Ana Ivis Torres (PhD): Biostratigraphy of Caribbean Eocene Larger Benthic Foraminifera.

Julia Wöger (PhD): growth strategy and pattern in larger Foraminifera.

Wolfgang Eder (PhD): growth strategy and pattern in larger Foraminifera.

Shunichi Kinoshita (PhD): growth strategy and pattern in larger Foraminifera

Sulia Goeting (PhD): depth distribution of LBF offshore Brunei

Antonella Gandolfi (PhD): Resilience of LBF during the MECO event.

Luca Arena (PhD): Oligocene Transgression in Liguria

Carla Altieri (PhD): ecology of modern benthic foraminifera offshore Liguria.

MSc: 10 (Eder, Torres, Salim, Roslim, Altieri, Arena, Glioti, Martinello, Crobu, Zanotti)

BSc: over 30

Administrative duties

2010- 2014: MicroCT specialist and technician at the department of Palaeontology, Vienna.

2014: Chair of Publicity group in Faculty of Science, University of Brunei

2015-17: Chair of Safety and health committee in Faculty of Science, University of Brunei.

2016-2017: Member of Research and graduate studies committee, University of Brunei

2019-now: membro Collegio di Dottorato STAT DISTAV, UniGe

2021- now: Coordinatore Commissione Terza Missione, DISTAV, UniGe

2022-now: membro Giunta di Dipartimento

2023: Forams2023 – Member of the organizing Committee.

Memberships and Affiliations

2003: Socio Società Paleontologica Italiana

2007: Socio Cushman Foundation for foraminiferal Research

2019- now: Referente Liguria S.P.I. per la Paleontologia presso Sovrintendenza

2020- now: membro SPI nella Commissione Italiana di Stratigrafia.

2021- now: Associate Editor of Micropaleontology

2023 - now: Socio Corrispondente Accademia Ligure di Scienze e Lettere