



I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di Scienze della Terra "A. Desio"**

Scientist- in - charge: **Prof. Fabrizio Felletti**

George Pantopoulos

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Pantopoulos
Name	George
Date of birth	18/08/1978

PRESENT OCCUPATION

Appointment	Structure
Postdoctoral Researcher	Universidade Federal do Rio Grande do Sul (UFRGS), Porto Alegre, Brazil

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	Geology	University of Patras	2002
Specialization			
PhD	Sedimentology	University of Patras	2009
Master	Geology (Land Uses)	University of Patras	2004
Degree of medical specialization			
Degree of European specialization			
Other			



REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City
2020	American Association of Petroleum Geologists (AAPG)	Tulsa, OK, USA
2005	International Association of Sedimentologists (IAS)	Ghent, Belgium

FOREIGN LANGUAGES

Languages	level of knowledge
English	Good
Portuguese	Good

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2011	Leonardo Da Vinci Programme: EU-funded 5-month Internship for gaining working experience, Geological Survey of Denmark and Greenland (GEUS), Copenhagen, Denmark in collaboration with the University of Ioannina Lifelong Learning Center, Ioannina, Greece
2005-2008	PhD scholarship, Department of Geology, University of Patras, funded by European Commission and GSRT Greece: PENED 2003 ED497 research program entitled "Evolution of depositional environments-Hydrocarbon plays".

TRAINING OR RESEARCH ACTIVITY

<ul style="list-style-type: none">• 2019-Present: Quantitative analysis of aeolian stratigraphic data.• 2019: Organizing and teaching of the short course entitled "Practical statistics for geoscientists". Instituto de Geociências, UFRGS, Brazil.• 2018-2019: Undergraduate student mentoring, Gustavo Kenji Lacerda Orita (2019), "Depositional environments and processes of the Mucuri Member (Aptian), pre-salt margin of Espírito Santo basin, interpreted based on texture, primary composition and depositional facies", Graduation Thesis (Bachelor Degree), Instituto de Geociências, UFRGS, Porto Alegre, Brazil.• 2018: Thin section textural analysis of clastic fluvial-lacustrine reservoir formations.• 2017-2018: Stratigraphic analysis (slicing, coring, creation of photo-panels and 3dmodel) of experimental (generated within tank) gravity flow deposits. Comparisons of observed experimental stratigraphy with well-documented deep-marine stratigraphic and reservoir models.• 2014-2015: Undergraduate student mentoring, Andreas Emilio Grings (2015), "Textural tendencies in Tertiary turbidites of the Peira Cava sub-basin, Grès d'Annot Formation, SE France", Graduation Thesis (Bachelor Degree), Instituto de Geociências, UFRGS, Porto Alegre, Brazil.• 2014-2017: Sedimentary logging, quantitative bed thickness distribution and grain size trend analysis of deep-marine (turbidite) outcrops from characteristic channel-levee, confined mini-basin and unconfined basin plain settings. Developing of quantitative tools for distinguishing different architectural elements of each type of deep-marine system.• 2013: Processing of marine geophysical data (side scan sonar, sub-bottom profiler and
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bathymetry) in order to construct geological models and aid in locating, assessing and managing underwater archaeological sites (Sounion area, Greece).

- 2011: Sedimentological analysis of Holocene marine sediment cores (Aarhus Bay area, Denmark) and processing of marine geophysical data (side scan sonar, sub-bottom profiler and bathymetry) in order to map gas (methane) accumulations within sediments from several areas of the Baltic Sea.
- 2005-2009: PhD research activity concerning sedimentological characteristics (stratigraphy, provenance, geochemistry, reservoir quality) of Karpathos Island (SE Greece) turbidite deposits. Contribution in organizing and conducting laboratory exercises of undergraduate courses, Department of Geology and Department of Materials Science, University of Patras, Greece.

PROJECT ACTIVITY

Year	Project
2019-Present	“Facies architecture and high-resolution stratigraphy of coastal aeolian sedimentary systems”, Instituto de Geociências, UFRGS, Brazil
2018	“Geological Study of the Mucuri Formation, Espirito Santo Basin, Brazil”, Instituto de Geociências, UFRGS, Brazil
2017-2018	“Large scale stratigraphic modeling of deep-water reservoirs II”, Instituto de Pesquisas Hidraulicas, UFRGS, Brazil
2014-2017	“DMS Tools” (Developing methods for deep-marine sedimentary environment characterization), Instituto de Geociências, UFRGS, Brazil
2013	“SASMAP” (Development of Tools and Techniques to Survey, Assess, Stabilize, Monitor and Preserve Underwater Archaeological Sites), Department of Geology, University of Patras, Greece
2011	“Baltic Gas” (Predictive modeling of methane accumulation in marine sediments of the Baltic Sea), Department of Marine Geology, GEUS, Denmark

PATENTS

Patent

CONGRESSES AND SEMINARS

Date	Title	Place
8/2018	49th Brazilian Geological Congress	Rio de Janeiro, Brazil
10/2017	33rd IAS Meeting of Sedimentology	Toulouse, France
10/2016	48th Brazilian Geological Congress	Porto Alegre, Brazil
6/2015	31st IAS Meeting of Sedimentology	Krakow, Poland
6/2015	AAPG ACE Convention	Denver, CO, USA
8/2014	19th International Sedimentological	Geneva, Switzerland



	Congress	
7/2012	ECORD Summer School	Montreal, Canada
9/2008	26th IAS Meeting of Sedimentology	Bochum, Germany
9/2007	2nd IAS International Summer School of Sedimentology	Terni and Cantiano, Italy
9/2007	25th IAS Meeting of Sedimentology	Patras, Greece

PUBLICATIONS

Books
[title, place, publishing house, year ...]
[title, place, publishing house, year ...]
[title, place, publishing house, year ...]

Articles in reviews
Depositional conditions at the Aptian Pre-salt margins: evidence from quantitative petrography and textural analysis of the Mucuri Member, Espírito Santo Basin, Brazil. Petroleum Geoscience, London, UK, Geological Society of London Publications, 2021, In press
Provenance and tectonic setting of the Early Permian sedimentary succession in the southern edge of the Sydney Basin, eastern Australia. Geological Journal, New Jersey, USA, Wiley Publishing, 2021, Vol. 56 (4), pp. 2258-2276
Stratigraphic and paleogeographic development of a deep-marine foredeep: Central Pindos foreland basin, western Greece. Marine and Petroleum Geology, Amsterdam, The Netherlands, Elsevier Publishing, 2021, 105012
Holocene sedimentary and environmental development of Aarhus Bay, Denmark-a multi-proxy study. Boreas, New Jersey, USA, Wiley Publishing, 2020, Vol. 49 (1), pp. 108-128
Late Cretaceous to early Eocene geological history of the eastern Ionian Basin, southwestern Greece: A sedimentological approach. Cretaceous Research, Amsterdam, The Netherlands, Elsevier Publishing, 2019, Vol. 98, pp. 47-71
Turbidite bed thickness statistics of architectural elements in a deep-marine confined mini-basin setting: Examples from the Grès d'Annot Formation, SE France. Marine and Petroleum Geology, Amsterdam, The Netherlands, Elsevier Publishing, 2018, Vol. 95, pp. 16-29
Sedimentological analysis and bed thickness statistics from a Carboniferous deep-water channel-levee complex: Myall Trough, SE Australia. Sedimentary Geology, Amsterdam, The Netherlands, Elsevier Publishing, 2018, Vol. 364, pp. 160-179
Accretionary prism-forearc interactions as reflected in the sedimentary fill of southern Thrace Basin (Lemnos Island, NE Greece). International Journal of Earth Sciences, Berlin, Germany, Springer Publishing, 2015, Vol. 104 (4), pp. 1039-1060
Hydrocarbon plays and prospectivity of the Mediterranean Ridge. Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, Abingdon, UK, Taylor and Francis Publishing, 2015, Vol. 37 (4), pp. 347-355
Eocene to Early Oligocene turbidite sedimentation in the SE Aegean (Karpathos Island, SE Greece): stratigraphy, facies analysis, nannofossil study, and possible hydrocarbon potential. Turkish Journal of Earth Sciences, Ankara, Turkey, TUBITAK Publications, 2014, Vol. 23 (1), pp. 31-52



Statistical analysis of turbidite bed thickness patterns from the Alpine fold and thrust belt of western and southeastern Greece. <i>Sedimentary Geology</i> , Amsterdam, The Netherlands, Elsevier Publishing, 2013, Vol. 294, pp. 37-57
Petrographic and geochemical characteristics of Paleogene turbidite deposits in the southern Aegean (Karpathos Island, SE Greece): Implications for provenance and tectonic setting. <i>Chemie der Erde-Geochemistry</i> , Amsterdam, The Netherlands, Elsevier Publishing, 2012, Vol. 72 (2), pp. 153-166
North Aegean sedimentary basin evolution during Late Eocene to Early Oligocene based on sedimentological studies on Lemnos Island (NE Greece). <i>Geologica Carpathica</i> , Bratislava, Slovakia, Publishing House of the Slovak Academy of Sciences, 2007, Vol. 58 (5), pp. 455-464
Congress proceedings
Bedforms and geometry of canyon to basin deposits from large-scale experimental subaqueous gravity/mass flows, 49th Brazilian Geological Congress, Rio de Janeiro, Brazil, 2018
Reassessing the Late Cretaceous geological history of the Ionian Basin, western Greece, AAPG Europe Regional Conference, Lisbon, Portugal, 2018
Turbidite bed thickness distribution and facies clustering patterns in deep-marine channel-levee, confined sheet and unconfined lobe and basin plain settings: Implications for the identification of different architectural elements, 33rd IAS Meeting of Sedimentology, Toulouse, France, 2017
Density sorting of siliciclastic and organic particles in a confined deep-marine mini-basin (Peira Cava, SE France): Implications for flow hydrodynamics and reservoir quality, 33rd IAS Meeting of Sedimentology, Toulouse, France, 2017
Provenance of Conglomerates within a Late Cretaceous Turbidite Channel System on the North American Margin: the Rosario Formation, Baja California, Mexico, EGU General Assembly, Vienna, Austria, 2017
Characterizing the submarine fan deposits fans of Pindos foreland, western Greece: Constraints based on statistical treatment of bed thickness distribution, ichnofauna research and conglomerate clast composition analysis, AAPG Europe Regional Conference, Larnaca, Cyprus, 2017
Hydrodynamic grain sorting in a confined deep-marine mini-basin (Peira Cava, SE France): implications for the identification of architectural elements, 48th Brazilian Geological Congress, Porto Alegre, Brazil, 2016
Bed thickness distribution in classical deep-marine turbidite systems: Examples from the Grès d'Annot Formation (SE France) and the Marnoso-Arenacea Formation (NE Italy), 31st IAS Meeting of Sedimentology, Krakow, Poland, 2015
Patterns of Bed Thickness and Grain-Size Distribution in Classical Turbidite Systems, AAPG Annual Convention and Exhibition, Denver, CO, USA, 2015
Quantitative bed thickness and grain-size analysis for improved understanding of deep-marine depositional systems, 19th International Sedimentological Congress, Geneva, Switzerland, 2014
Provenance of Karpathos Island turbidites (SE Greece) based on geochemical data, 26th IAS Meeting of Sedimentology, Bochum, Germany, 2008
Bed thickness statistics of turbidite deposits. Possible implications on submarine fan environments and geometry. An example from Greece, 25th IAS Meeting of Sedimentology, Patras, Greece, 2007

OTHER INFORMATION

Journal reviewer: <i>Sedimentology</i> (Wiley Publ.), <i>Sedimentary Geology</i> (Elsevier Publ.), <i>Marine and Petroleum Geology</i> (Elsevier Publ.), <i>Geological Magazine</i> (Cambridge Univ. Press), <i>Acta Geochimica</i> (Springer), <i>Iranian Journal of Earth Sciences</i> (Islamic Azad University, Iran)
European driving licence (categories A and B)




Off-road driving course (Rotas e Trilhas, Brazil)

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Place and date: Porto Alegre, 03/05/2021

 SIGNATURE