Curriculum Vitae for

Alessio Sanfilippo

(updated March 2017)

I. PERSONAL INFORMATIONS

Name:	Sanfilippo, Alessio
Date of birth:	September 05th 1984
Nationality:	Italian
E-mail:	alessio.sanfilippo@unipv.it
Current position:	Researcher at Department of Earth and Environmental Sciences- University of Pavia, Via Ferrata, 1. Pavia, Italy.
Last position:	Post doctoral associate at Kanazawa University (Japan)
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Google Scholar	http://scholar.google.it/citations?user=DtExaWIAAAAJ&hl=it

Bibliometric indicators:	Scopus: 108 citation, H index 7 (TOP 5 publications: 19; 19; 19; 16; 10) Google Scholar: 140 citation, H index 6 (TOP 5 publications: 24; 23; 21; 19; 11)

II. ACADEMC RECORD AND CAREER

December 2014-present	Researcher (3-yrs position) Petrology and Geochemistry University of Pavia (Italy)
March 2014-December 2014	Post Doctoral Associate *Project:* The nature of Moho: effects of melt-rock reactions on formation and modification of the lower oceanic crust and uppermost mantle. *Grant*: Japan Society for Promotion of Science Postdoctoral Fellowship 2014 (to A. Sanfilippo, T. Morishita) *Advisor:* T. Morishita *Place*: Kanazawa University (Japan)
July 2014-August 2014	Guest Scientist *Project:* PGE and Re-Os isotope compositions of hybrid troctolites from the Uraniwa Hills (Central Indian Ridge) *Grant:* Japan Society for Promotion of Science Postdoctoral Fellowship 2014 (to A. Sanfilippo, T. Morishita) *Advisor*: R. Senda *Place:* JAMSTEC (Japan)
November 2012-February 2014	Visiting Scientist *Project:* The role of the melt supply variability in the development of a detachment fault system *Grant:* InterRidge Fellowship/SIMP Premio Borsa di Studio all'Estero (to A. Sanfilippo) *Advisors*: H.J.B. Dick; H. Marschall *Place:* Woods Hole Oceanographic Institution (USA)
December 2011-November 2013	Post Doctoral Associate *Project:* Magmatic processes in the lower oceanic crust *Grant*: Fellowship from University of Pavia (to R. Tribuzio) *Advisor:* R. Tribuzio *Place*: University of Pavia (Italy)

	Guest Student
June 2011- September 2011	*Project:* Effect of melt-rock interactions for the formation of Lower Crust beneath back-arc setting *Grant*: Leopoldo and Clara Gori Foundation Fellowship 2011 (to A. Sanfilippo) *Advisor:* H.J.B. Dick *Place*: Woods Hole Oceanographic Institution
	PhD
October 2008- December 2011	*Dissertation:* "The Generation of Lower Oceanic Crust in (Ultra-) Slow Spreading Settings: Insights from the Alpine Ophiolites and from the Godzilla Megamullion (Parece Vela basin) *Supervisor*: R. Tribuzio *Place:* University of Pavia (Italy)
	MSc degree
October 2006- July 2008	*Dissertation:* "Geocronologia U-Pb di zirconi detritici del Gruppo di Neuquen (Cretaceo Superiore, Argentina *Supervisor*: A. Di Giulio; M. Tiepolo; J. Calvo Grade: 110/110 cum laude *Place:* University of Pavia (Italy)
	Bachelor degree
October 2003- September 2006	*Dissertation:* "Studio petrografico e geochimico dell'associazione gabbro-granito di Varney Nunatak (Terra Victoria Settentrionale-Antartide)" *Supervisor*: R. Tribuzio *Grade*: 110/110 *Place:* University of Pavia (Italy)

III. RESEARCH

A. Main research topics

My research is devoted to understand the mechanisms of melt extraction and accretion of the lower oceanic crust, and their role into the composition of the erupted basalts. I mainly use: I) trace element compositions of mineral phases ii) Sm-Nd, Lu-Hf, Pb and Re-Os isotope systematics; iii) geochemical modelling and iv) thermodynamic calculations (i.e., MELTS algorithm).

I am contributing to develop a method to use chemistry of olivine as proxy for magmatic processes in mantle and crustal rocks, integrating LA-ICP-MS; SIMS and FTIR techniques *(see publications 7, 10, 17)*.

Selected research projects:

Collaborator

- Early magmatic evolution of the mantle and crustal sequences exposed in the Alpine Jurassic Ophiolites (Italian PRIN 2009 SWLYC_002, national PI G.B. Piccardo) *(publication 7, 10, 13, 14, 16)*
- Melt extraction mechanism in the suboceanic mantle: geochemical observation and numerical modeling (Italian PRIN 2015 C5LN35_004, national PI E. Rampone) *(publication 17)*
- SlowMo, The Nature of the Lower Crust and Moho at Slower-Spreading Ridges (IODP proposal FULL-800) *(see cruise IODP Exp 360, publication 5)*
- Geochemistry of Igneous Rocks from Dykes and Harrats in Western Saudi Arabia (part of Italian PRIN 2012 5JKANY_002, national PI A. Schettino; Saudi Geological Survey, N. Rasul) *(Publication 18)*

Responsible

- An intra-oceanic rift along the western Antartic-Pacific plate boundary: geophysical and petrological constraints (Italian PNRA16-0021, National PI L. Gasperini)
- Effect of melt-mantle interactions of the compositions of basalts at Mid-Ocean Ridges and Back arc basins *(see cruise YK-05, publications 2, 3, 4, 8,12)*
- Origin and high temperature evolution of lower crust at oceanic detachment faults *(see cruise KN210-05, publications 11, 19)*

B. Scientific cruises and field work experience

- Cruise IODP Expedition 360 (December 2015-February 2016) Atlantis Bank, South West Indian Ridge (32.5ºS), Joides Resolution research vessel.
- Cruise KN210-05 (May-June 2013) Central Atlantic (16.5ºN), Knorr research vessel
- Cruise YK11-08 (October 2011) Philippine Sea, Yokosuka research vessel.
- Fieldwork Neuquen Basin, Argentina *(publications 6 and 15)*
- Fieldwork in Alpine ophiolites in Liguria, Corsica and Western Alps. Based on these studies he led the excursions associated with the Alpine Ophiolites and

Modern Analogues workshop (2009) and the Goldschmidt Conference 2013 *(see publication 9)*.

- Fieldwork in Western Arabia Harrats (publication 18)

C. Active collaborations

D. Brunellli (University of Modena/Reggio Emilia)
Y. Cai (Lamont-Doherty Earth Observatory)
H.J.B. Dick (Woods Hole Oceanographic Institution)
M. Hamada & R. Senda (JAMSTEC)
Y. Liang (Brown University)
M. Ligi & L. Vigliotti (ISMAR, CNR)
J.C. Lissenberg & C.J. MacLeod (Cardiff University)
H.R. Marschall (Frankfurt University)
T. Morishita, A. Tamura (Kanazawa University)
L. Ottolini, A. Zanetti, A. Langone (IGG, CNR)
N. Rasul (Saudi Geological Survey)
V. Salters (Florida State University)
A. Schettino (Camerino University)

D. Synergic activities

- Field leader at two field excursions associated with the Alpine Ophiolite and Modern Analogues conference (Parma, September 2010) and Goldschmidt Conference 2014 (Florence, September 2014).
- Co-organizer of the International PhD school “Melting and fluid/melt-rock reactions in the mantle (Pavia, February 2017)” funded by EGU, UniPv, UniMI, UniMoRE, UniGe, UniFe.
- Organizer of the “IODP Expedition 360 postcruise conference”, funded by IODP, Siracusa (due in May 2018)

E. Editorial activities

- Reviewer for Chemical Geology, Earth Science Review, Geochimica et Cosmochinica Acta, Lithos, Journal of Petrology, Ofioliti.
- Review Editor of Frontiers in Earth Science

F. International conferences *(presentations)*

- AGU fall meeting, December 2016, San Francisco (USA)
- 88º congresso SGI, September 2016, Naples (Italy)
- European Mineralogical Conference, September 2016, Rimini (Italy)
- 2nd RED SEA BOOK WORKSHOP, February, 2016, Jeddah (SA)
- Congress SIMP-SGI-So.Ge.I-AIV, September 2015, Florence (Italy)
- US-China International Discovery Program Workshop, May 2015, Woods Hole (USA)
- AGU fall meeting, December 2014, San Francisco (USA)
- Asia Oceania Geoscience Society, July 2014, Sapporo, (Japan).
- Japan Geophysical Union, May 2014, Yokohama, (Japan).
- Goldschmidt Conference, August 2013, Florence (Italy).
- European Mineralogical Conference 2012, Frankfurt-Main, (Germany).
- Symposium Jean Francheteau 2012, Brest, (France).
- AGU Fall Meeting 2011, San Francisco (USA).
- 10th Alpine workshop "CorseAlp2011" St. Florent (France).
- AGU Chapman conference 2010 Agros, (Cyprus).

G. Invited presentations and seminars

- Goldschmidt Conference, 13-18 August 2017, Paris, *(invited)*
- 2nd RED SEA BOOK WORKSHOP, Jeddah, Saudi Arabia, February 14-18, 2016 *(invited)*
- US-China International Discovery Program Workshop, Woods Hole May 13-16 May, 2015 *(invited)*
- Japan Agency for Marine Science and Technology, Yokohama, 21 August 2014 *(seminar)*
- Woods Hole Oceanographic Institution, 3 January 2014 *(seminar)*
- CNR-Istituto di Scienze Marine, Bologna, 25 October 2013 *(seminar)*
- Woods Hole Oceanographic Institution, 12 July 2011 *(seminar)*

IV. TEACHING ACTIVITIES

Teaching experience

- Lecturer of the short course “Petrology of Mid-Ocean Ridge: knowledges and prespectives” (Tonji University, Shanghai, March 2017) organized under an *ERASMUS+* program.

- From 2015 titular of courses: Composizione della Litosfera (3 CFU) and Vulcanologia (3 CFU).
- Lecturer and organizer of the PhD course “Escurione multidisciplinare presso le Alpi Occidentali (3 CFU)” for the PhD school of “Scienze della Terra e dell'Ambiente dell'Università di Pavia”
- Student tutor for Rilevamento Geologico (2007-2009), Petrografia (2008-2013), Composizione della Litosfera (2008-2013).
- Assistant professor for Minerali e rocce (2013).

Supervising experience

Supervisor of 4 first bachelor theses and 3 master theses at the University of Pavia. He is currently supervising 1 undergraduate student, 5 master students and 1 Ph.D. candidate.

- Bachelor (Annalisa Arico’, Andrea Bertone, Elisabetta Billotta, Edoardo Mangieri)
- Master (Marco Scala, Enrico Bertoluzzi, Raffaele Maglio).

V. AWARDS AND FELLOWSHIPS

- Leopoldo and Clara Gori Fellowship 2011 (8500 USD);
- InterRidge Fellowship 2012 (5000 USD);
- Premio SIMP Borsa di Studio all’Estero 2013 (2500 USD);
- Japan Society for Promotion of Science Postdoctoral Fellowship 2014.

VI. PUBLICATIONS

Publications on peer-reviewed journals

1. Renna M.R., Tribuzio, R., **Sanfilippo, A.**, Tiepolo, M. 2017. Zircon U-Pb geochronology of lower crust and quartzo-feldspathic clastic sediments from the Balagne ophiolite (Corsica). *Swiss Journal of Geosciences,* in press, DOI 10.1007/s00015-016-0239-y

2. **Sanfilippo, A.**, Dick, H.J.B., Ohara, Y., Tiepolo, M. 2016. New insights on the origin of troctolites from the breakaway area of the Godzilla Megamullion (Parece Vela back-arc basin): The role of melt-mantle interaction on the composition of the lower crust. *Island Arc,* 25 (3), pp. 220-234.DOI: 10.1111/iar.12137

3. **Sanfilippo, A**., Morishita, T., Senda, R., 2016. Rhenium-osmium isotope fractionation at the oceanic crust-mantle boundary. *Geology*, 44 (2), pp. 167-170. DOI: 10.1130/G37428.1

4. Tamura, A., Morishita, T., Ishimaru, S., Hara, K., **Sanfilippo, A.,** Arai, S. 2016. Compositional variations in spinel-hosted pargasite inclusions in the olivine-rich rock from the oceanic crust–mantle boundary zone. *Contributions to Mineralogy and Petrology*, 171 (5), art. no. 39, . DOI: 10.1007/s00410-016-1245-9

5. MacLeod, C.J., Dick, H.J.B., Blum, P., and the Expedition 360 Scientists, 2016. Southwest Indian Ridge Lower Crust and Moho. *Proceedings of the Integrated Ocean Drilling Program*. Volume 360. DOI: 10.14379/iodp.pr.360.2016

6. Di Giulio, A., Ronchi, A., **Sanfilippo, A.**, Balgord, E.A., Carrapa, B., Ramos, V.A. 2016. Cretaceous evolution of the Andean margin between 36°S and 40°S latitude through a multi-proxy provenance analysis of Neuquén Basin strata (Argentina). *Basin Research,* Article in Press. DOI: 10.1111/bre.12176

7. **Sanfilippo, A.**, Tribuzio, R., Tiepolo, M., Berno, D.2015. Reactive flow as dominant evolution process in the lowermost oceanic crust: evidence from olivine of the Pineto ophiolite (Corsica). *Contributions to Mineralogy and Petrology,* 170 (4), art. no. 38, 12 p. DOI: 10.1007/s00410-015-1194-8

8. **Sanfilippo, A.,** Morishita, T., Kumagai, H., Nakamura, K., Okino, K., Hara, K., Tamura, A., Arai, S. 2015. Hybrid troctolites from mid-ocean ridges: Inherited mantle in the lower crust. *Lithos*, 232, pp. 124-130.DOI: 10.1016/j.lithos.2015.06.025

9. **Sanfilippo A,** Borghini G, Rampone E, Tribuzio R. (2014). The Ligurian Ophiolites: a journey through the building and evolution of slow spreading oceanic lithosphere. Geological Field Trip, DOI: 10.1002/2014GC005563.

10. **Sanfilippo A.,** Tribuzio R, Tiepolo M. (2014). Mantle-crust interaction in the oceanic lithosphere: constraints from minor and trace elements in olivine. Geochimica et Cosmochimica Acta, 141:423 439

11. Smith D, Schouten H, Dick HJB, Cann J, Salters V, Marschall H, **Sanfilippo A** et al. (2014). Development and evolution of detachment faulting along 50 km of the Mid-Atlantic Ridge near 16.5N. Geochemistry Geophysics Geosystems, DOI: 10.1002/2014GC005563

12. Sanfilippo A., Dick H.J.B., Ohara Y. (2013). Melt-Rock Reaction in the Mantle: Mantle Troctolites from the Parece Vela Ancient Back-Arc Spreading Center. Journal of Petrology, Vol. 54, pp. 861-885, doi: 10.1093/petrology/egs089

13. Sanfilippo A., Tribuzio R. (2013a). Building of the deepest crust at a fossil slow-spreading centre (Pineto gabbroic sequence, Alpine Jurassic ophiolites). Contribution to Mineralogy and Petrology, Vol. 165, pp. 705-721, doi: 10.1007/s00410-012-0831-8.

14. Sanfilippo A., Tribuzio R. (2013b). Origin of olivine-rich troctolites from the oceanic lithosphere: a comparison between the Alpine Jurassic ophiolites and modern slow spreading ridges. Ofioliti, Vol. 38, pp. 89-99, doi: 10.4454/ofioliti.v38i1.418.

15. Di Giulio A., Ronchi A., **Sanfilippo A.,** Tiepolo M., Pimentel M., Ramos V.A. (2012). Detrital zircon provenance from the Neuquén Basin (south-central Andes): Cretaceous geodynamic evolution and sedimentary response in a retroarc-foreland basin. Geology, Vol. 40, pp. 559-562, doi: 10.1130/G33052.

16. Sanfilippo A., Tribuzio R. (2011). Melt transport and deformation history in a nonvolcanic ophiolitic section, northern Apennines, Italy: Implications for crustal accretion at slow spreading setting. Geochemistry Geophysics Geosystems, doi: 10.1029/2010GC003429.

Under review *(as principal author)*

17. Sanfilippo A., Tribuzio R., Ottolini L.; Hamada M. Water, lithium and trace element compositions of olivine from replacive mantle dunites (Lanzo South massif, Western Alps): implications for melt extraction at Mid Ocean Ridges. Geochimica et Cosmochimica Acta *(first submission 11/2016)*.

18. Sanfilippo A., Cai Y., Gouveia Jácome A.P., Ligi M., Geochemistry of the Lunayyir and Khaybar volcanic fields (Saudi Arabia): Insights into the origin of the Cenozoic Arabian volcanism. The Red See 2nd-edition, Rasul, N., Stewart, I., (Eds.) Elsevier *(first submission 11/2016)*.

19. Sanfilippo A., Dick H.B.J., Marschall H.R, Lissenberg J.C. Emplacement and high-temperature evolution of gabbros along an oceanic detachment (16.5ºN, Mid Atlantic Ridge). Geochemistry Geophysics Geosystems. *(to be submitted, 5/17)*

VII. CONGRESS CONTRIBUTIONS

1. **Sanfilippo,** L. France, B. Ghosh, C. Liu, T. Morishita, J. Natland, H.J.B. Dick, C.J. MacLeod & Expedition 360 Scientific Party. Igneous stratigraphy and rock-types of a long transect of the lower crust formed at the Atlantis Bank core complex (SW Indian Ridge): preliminary results from IODP Expedition 360 (2016). AGU Fall Meeting, 12-16 December, 2016, San Francisco (USA)
2. **Sanfilippo A.**, Tribuzio R., Ottolini L., Hamada M. (2016). Mantle melting, melt extraction and aggregation beneath Mid Ocean Ridges: clues from olivine in replacive mantle dunites. 2nd European Mineralogical Conference, 11-15 September 2016, Rimini (Italy)
3. **Sanfilippo** (2016). Mantle contribution in the oceanic crust. 88º Congresso SGI, 2-7 September, Naples.
4. Berno D., **Sanfilippo A.**, Tribuzio R., Zanetti A. (2015) Major and trace element variability within the troctolite-olivine gabbro association of the Pineto ophiolite (Corsica) Rend. Online Soc. Geol. It., Suppl. n. 2 al Vol. 35
5. Ligi M., Bonatti E., Bosworth W, Cai Y., Cipriani A., Palmiotto P., Ronca S., **Sanfilippo A.** & Seyler M. (2015). Oceanization starts from below during continental rupturing in the Red Sea Rend. Online Soc. Geol. It., Suppl. n. 2 al Vol. 35
6. **Sanfilippo A.**, Morishita T. ,Senda R. (2015).Role of melt-mantle interactions on the composition of MORB: the case of Re-Os isotopes Rend. Online Soc. Geol. It., Suppl. n. 2 al Vol. 35
7. **Sanfilippo A.**, Tribuzio R., Ottolini L., Hamada M. (2015) Olivine from replacive mantle bodies reveals modes of partial melting of the MORB mantle source. Rend. Online Soc. Geol. It., Suppl. n. 2 al Vol. 35 (2015)
8. **Sanfilippo A.** (2014)**.** Mantle contribution in abyssal gabbros: reassessing the significance of bulk oceanic crust. AGU Fall Meeting, December 2014, San Francisco (USA)
9. **Sanfilippo A.,** Dick H.J.B. (2014). A quantitative model to explain the bimodal distribution of gabbros from the 16.50ºN core complex: an attempt to explain the compositional heterogeneity of the lower oceanic crust. Goldschmidt 2014, Sacramento USA
10. Dick H.J.B., Salters V., **Sanfilippo A.**, Shouten H., Smith D. (2014) Focused Melt Flow and Abyssal Magmatism at Lower Magma Supply Rates. Goldschmidt 2014, Sacramento USA
11. **Sanfilippo A.,** Morishita T. Hara K., Tamura A., Arai S. (2014). About the origin of the olivine-rich troctolites from the ocean lithosphere: remnants of a reactive MOHO? JpGU conference 2014 Tokyo (Japan)

12. **Sanfilippo A.,** Tribuzio R., Tiepolo M. (2013). Mantle-crust interactions in the oceanic lithosphere: constraints from minor and trace elements in olivine. Goldschmidt 2013, Florence (Italy)
13. **Sanfilippo A.,** Palmiotto C., Dick H.B.J., Smith D., Schouten H., Cann J., Marschall H.R, Salters V., Ji F., Zheleznov A., Parnell-Turner R., Bai H., Junkin W., Urann B., Curry S., Sulanowska M., Dick S. (2013). Linkage between detachment faulting and magmatism in the central Mid Atlantic Ridge (16.5° N region, Atlantic Ocean): preliminary data of the cruise KNR 210-5 (part II). Congresso Nazionale Società Geologica Italiana, Pisa (Italy)
14. Palmiotto C., **Sanfilippo A.,** Smith D., Schouten H., Dick H.B.J., Cann J., Marschall H.R, Salters V., Ji F., Zheleznov A., Parnell-Turner R., Bai H., Junkin W., Urann B., Curry S., Sulanowska M., Dick S. (2013). Linkage between detachment faulting and magmatism in the central Mid Atlantic Ridge (16.5° N region, Atlantic Ocean): preliminary data of the cruise KNR 210-5 (part I). Congresso Nazionale Società Geologica Italiana, Pisa (Italy)
15. Ohara Y, Snow J.E., Michibayshi K., Dick H.J.B., Harigane Y., Tani K., Nelson W., Loocke M., **Sanfilippo A.**, Ishizuka O., Yamashita H., Ishii T. New insights into the Philippine Sea evolution: results from the recent Godzilla Megamullion study. JpGU conference 2013 Tokyo (Japan)
16. **Sanfilippo A**., Tribuzio R. (2012). Building of the deepest gabbroic crust at a fossil slow spreading centre (Pineto gabbroic sequence, Alpine Jurassic ophiolites). Geocean, Geodynamic Processes and biochemical Interactions at sea-floor Spreading Ridges, Symposuim Jean Francheteau, 27-31 August, Brest (France)
17. **Sanfilippo A.,** Tribuzio R. (2012). Building of the deepest gabbroic crust at a fossil slow spreading centre (Pineto gabbroic sequence, Alpine Jurassic ophiolites). European Mineralogical Conference, 2-6 September, Frankfurt-Main, (Germany)
18. Dick H.J.B, **Sanfilippo A.,** Lissenberg J.C. and Ohara Y. (2012). Melt Rock Reaction in the Mantle and Accretion of the Lower Crust at Slow Spreading Ridges. Goldschmidt 2012, 24-29 June, 2012, Montrèal, (Canada)
19. **Sanfilippo A**., Dick H.J.B. and Ohara Y. (2011). Two stage melt-rock interaction in the lower oceanic crust of the Parece Vela basin (Philippine sea), evidence from the primitive troctolites from the Godzilla Megamullion. AGU Fall Meeting, 5-9 December 2011, San Francisco (USA)
20. **Sanfilippo A**., and Tribuzio R. (2011). A conceptual model for the formation of a km-scale gabbroic body in a fossil slow spreading center (Corsica ophiolites, France). AGU Fall Meeting, 5-9 December, 2011, San Francisco (USA)

21. Tribuzio R., Renna M.R., **Sanfilippo A**. (2011). Origin of the gabbroic sequences from the Ligurian Jurassic ophiolites: implications for lower crust generation at slow spreading settings. AGU Fall Meeting, 5-9 December, 2011, San Francisco (USA)

22. Sanfilippo A., and Tribuzio R. (2011). Melt transport and deformation history in a “non-volcanic” ophiolitic section (Northern Apennine, Italy): implications for crustal accretion at slow spreading settings. Abstract Volume, 84. 10th Alpine workshop "CorseAlp2011". 10-16 April, St.Florent, Corse (France)

23. Sanfilippo A., and Tribuzio R. (2011). Lower crust generation in the Jurassic Ligurian-Piedmontese Basin (Pineto gabbroic complex, Corsica). Abstract Volume, 84. 10th Alpine workshop "CorseAlp2011" 10-16 April, St.Florent, Corse (France)

24. Di Giulio A., Ronchi A., **Sanfilippo A.**, Tiepolo M., Ramos V. (2010). Cretaceous evolution of the Neuquen Basin recorded by U/Pb ages of detrital zircons. 18th International sedimentology Congress: Sedimentology at the Foot of the Andes. 26 September – 1 October, Mendoza (Argentina)

25. Sanfilippo A., Tribuzio R. (2010). A 2 km thick layered gabbro section from Alpine Jurassic ophiolite (Pineto Massif, Northern Corsica). Abstract Volume, 84. 89° SIMP meeting, 13-15 September, Ferrara (Itlay) .

26. Sanfilippo A., Tribuzio R. (2010). Interplay between tectonic and magmatic events during the exhumation of a gabbro-peridotite section to the sea-floor (Northern Apennine ophiolites, Italy. Abstract Volume, 65.89th SIMP meeting, 13-15 September, Ferrara (Italy)

27. Sanfilippo A., Tribuzio R. (2010). Interplay between tectonic and magmatic events during the exhumation of a gabbro-peridotite section to the sea-floor (Northern Apennine ophiolites, Italy. Abstract Volume II, 139. 85th Congresso Nazionale Società Geologica Italiana, 6-8 September 2010, Pisa (Italy)

28. Sanfilippo A., and Tribuzio R. (2010). Interplay between tectonic and magmatic events during the exhumation of a gabbro-peridotite section to the sea-floor (Northern Apennine ophiolites, Italy). Abstract Volume, 72-73. AGU Chapman conference on detachments in Oceanic Lithosphere, Agros (Cyprus) 8-16 May 2010

29. Pezzali I., Garzetti F., **Sanfilippo A.,** Tiepolo M., Tribuzio R. (2009). Basalt evolution in a slow spreading ridge-type ophiolite (Northern Apennine, Italy). Abstract Volume, 52. Alpine Ophiolites and Modern Analogues, Parma (Italy) 30 September – 2 October 2009

30. Sanfilippo A., Tribuzio R., Vannucci R. (2009). New structural and petrological data on the ophiolites from northern Corsica. Abstract Volume, 65-66. Alpine

Ophiolites and Modern Analogues, Parma (Italy) 30 September – 2 October 2009

31. **Sanfilippo A**., Tribuzio R., Vannucci R. (2009). The Scogna-Rocchetta Vara ophiolite (Northern Apennine): anatomy of the gabbro-peridotite basement in a magma-starved sequence from the Ligure-Piemontese ocean. Abstract Volume, 66-67. Alpine Ophiolites and Modern Analogues, Parma (Italy) 30 September – 2 October 2009
32. **Sanfilippo A**., Tribuzio R., Vannucci R. (2009). The oceanic basement of the Ligure-Piemontese basin: clues from Northern Corsica and Internal Liguride ophiolites. Epitome 2009, vol. 3, 200. Geoitalia 2009-Rimini, 9-11 September 2009.