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Present position

From February 2005

Research scientist at the Department of Engineering and Geology of the d'Annunzio University (Chieti-Pescara).

Education

1992

Laurea Degree in Geological Sciences (Department of Stratigraphy and Paleontology, University of Bologna)

Title of dissertation (translated title): "*Conodont Biostratigraphy and lithostratigraphy of Middle Devonian – Early Carboniferous limestone of the Pizzo Timau area (Carnic Alps)*".

Tutor Prof. Maria Luisa Colalongo
 Dr. Claudia Spalletta

1998

Doctor of Philosophy (Department of Earth and Geo-Environmental Sciences, University of Bologna).

Title of dissertation (translated title): "*Deformative evolution of the Hercynian belt of the Carnic Alps*".

Coordinator Prof. Gian Battista Vai
Tutor Prof. Corrado Venturini

Grant and Stages

April 1996

Dr. Anita G. Harris of the United States Geological Survey in Reston (Virginia).

1998-2000

Post-Doctoral grant at the Department of Earth Sciences of the University of Bologna.

Professional Experience

- 1993-1995 *Geological mapping of the Paleozoic succession of the Foglio Ampezzo.*
National Geological Survey.
- 1994-1995 *Conodonts micropaleontological analysis in the Upper Ordovician – Early Carboniferous of the Foglio Ampezzo.*
National Geological Survey.
- 2001 *Classification and reorganization of the collection “Collezione Gortani” of the Museum of Natural History of Friuli.*
Museum of Natural History of Friuli.

Short Courses

- 8 – 14 May 1998 *“The Hercynian belt in Europe”* by Prof. Patrick Ledru (BRGM, Geological Survey of France), organized by Prof. Guido Gosso at the Department of Earth Sciences of the University of Milano.
- July 2000 *“Sequence Stratigraphy and Carbonate Platforms”* by Prof. Bilal U. Haq (US National Science Foundation) and Prof. Luis Pomar (University of the Balearic Islands).
- 5 – 6 June 2003 *“The record of thermal history in sedimentary successions: Short course on methods and examples from the Italian region”* by Prof. Andrea Di Giulio (University of Pavia), Dr. Roberto Fantoni (ENI) and Dr. Massimiliano Zattin (University of Bologna).

Contribute to Conferences /Field Trip organization, Conference Convenerships

- 1998 **ECOS VII** – Seventh International Conodont Symposium held in Europe. Bologna-Modena, Italy.
- 2002 **GIS2002** – IX Meeting of the Sedimentology Informal Group. Pescara, Italy.
- 2006 **Terrestrial planets from cores to surfaces** (G. Caprarelli, M. Pondrelli).
- 2007 **2nd International Workshop “Exploring Mars and its Earth Analogues”.** Trento, Italy. Session *GT1 Geology of Terrestrial Planets* in: EPSC 1, European Planetary Science Congress 2006, Berlin, Germany.
- 2009 **Sedimentology and Stratigraphy in the inner and outer solar system** (AP. Rossi, M. Pondrelli, G. Postma). Session *T7a Planetary Geology* in: 27th IAS MEETING OF SEDIMENTOLOGY, Alghero, Italy.
- “Geological Mapping Of Mars: a Workshop on New Concepts and Tools”.** Il Ciocco, Tuscany, Italy.

- 2012 **IGCP 580, “Magnetic Susceptibility and Gamma-Ray Spectrometry through time”**. Graz, Austria.
- 2013 **Planetary Evolution, Habitability and Exploration** (B. Cavalazzi, A.P. Rossi, M. Pondrelli). Session 37, *Planetary Sciences M2*, in: GeoItalia 2013, Pisa, Italy.

Projects

- 2000-2001 **CNR-Agenzia2000**, “Structural Analysis, metamorphic zonation and geochronometry of the Carnic Alps (Southern Alps)”.
- 2004-Present **High Resolution Stereo Camera (HRSC) co-investigators team**. Associate to IRSPS team. Co-I: Prof. Gian Gabriele Ori.
- 2006-2009 **PAGIS (Planetary GIS)** – IRSPS Team leader. P.I.: Prof. Gian Gabriele Ori. Project funded by the Italian Space Agency (ASI).
- 2006-2007 **PRIN 2006**, “Sedimentological analysis of the sulfate-bearing deposits on Mars and possible Earth analogues” (translated title). Team coordinator: Prof. Gian Gabriele Ori. Project funded by the Italian Minister of the University and Research.
- 2009-2010 **ISSI International Teams**, “Interior Layered Deposits: What do they tell us about Mars Evolution?” Team leader: Tanja Zegers. Project funded by International Space Science Institute (ISSI).
- 2010-2012 **PRIN 2008**, “Sedimentology and stratigraphy of Paleozoic and Martian mounds: insights in the processes of methane transfer to the surface” (translated title). Team coordinator: Prof. Gian Gabriele Ori. Project funded by the Italian Minister of the University and Research.

Teaching experience

- AY 2001/02 **Sedimentology**, Degree in Geological Sciences (5-years degree), Faculty of Mathematical, Physical and Natural Sciences, University of Chieti-Pescara.
- AYs 2002/03 - 2007/08 **Sedimentary Geology Lab**, First cycle degree in Geological Sciences, Faculty of Mathematical, Physical and Natural Sciences, University of Chieti-Pescara.
- November 2006 **Short course (18 hours): “Sedimentary Geology on Earth and on Mars”**, Department of Geosciences and Astronomy, University of Oulu, Finland.

AYs 2005/06 - 2008/09	Basics of Geology , First cycle degree in Techniques of Environment and Land, Faculty of Architecture, University of Chieti-Pescara.
AYs 2007/08 - 2009/10	Sedimentary Geology Lab , Second cycle degree in Geological Sciences and Technologies, Faculty of Mathematical, Physical and Natural Sciences, University of Chieti-Pescara.
AYs 2009/10 - 2010/11	Basics of Geology , First cycle degree in Planning of Land and Environment, Faculty of Architecture, University of Chieti-Pescara.
AYs 2009/10 - 2013/14	Sedimentary Geology , First cycle degree in Geological Sciences, Faculty of Mathematical, Physical and Natural Sciences, University of Chieti-Pescara.
AYs 2010/11 - 2011/12	Geological Field I , First cycle degree in Geological Sciences, Faculty of Mathematical, Physical and Natural Sciences, University of Chieti-Pescara.
AY 2012/13	Basins Analysis , Second cycle degree in Geological Sciences and Technologies, Faculty of Mathematical, Physical and Natural Sciences, University of Chieti-Pescara.

Research Interests

- ✓ Geological Mapping of Mars and Earth.
- ✓ Geological analysis of the sedimentary deposits of Mars.
- ✓ Reconstruction of the depositional processes and sedimentary depositional environments on Mars and of their evolution through time.
- ✓ Reconstruction of the depositional evolution of the Lower Paleozoic succession of the Carnic Alps (Austria-Italy).

Editorial Activities (Peer-reviewed Journals)

Editorial board	2013-present: GeoResJ (Elsevier Science)
Associate Editor	2014-present: Journal of Maps (Taylor & Francis)
Guest Editor	Pondrelli M. , Tanaka K., Rossi, A.P. and Flamini E., Planetary and Space Science (Elsevier Science), "Geological Mapping of Mars", Vol. 59, 2011.
Reviewer	Journal of Geophysical Research - Planets Geophysical Research Letters ICARUS Planetary and Space Science U.S. Geological Survey

Professional Membership

2008 - present	Società Geologica Italiana (SGI)
2009 - present	Geological Society of America (GSA)
2009 - present	International Association of Sedimentologists (IAS)
2010 - Present	American Geophysical Union (AGU)
2013 - Present	Society For Sedimentary Geology (SEPM)

Abstract, Extended Abstract, Proceedings and Guidebook

1. **Pondrelli M.**, 1998 - Metamorphic zonation of the Eastern Carnic Alps by means of CAI. In: G. Bagnoli (Ed.), ECOS VII Abstracts, Bologna-Modena, 1998, 87-88, Tipografia Compositori, Bologna.
2. **Pondrelli M.**, 1999 - Evaluation of a hydrothermal metamorphic overprint in the Eastern Carnic Alps by means of CAI analysis. EUG 10, Strasbourg, March 28th – April 1st, J. Conf. Abs., 4: 99.
3. **Pondrelli M.**, Spalletta C. and Venturini C., 1999 - Hercynian deformative evolution of the Carnic Alps (Southern Alps). In R. Feist, J. Talent and B. Orth (Eds.): Errachidia Meeting SDS-IGCP 421, April 23rd – May 1st 1999, “Abstract book”: 37-39.
4. Venturini C. and **Pondrelli M.**, 2000 - Carta Geologica delle Alpi Carniche. In G.B. Carulli and G. Longo Salvador: 80a Riunione Estiva S.G.I., Trieste, 6-8 settembre 2000, “Riassunti delle comunicazioni orali e dei poster”: 458-459.
5. **Pondrelli M.**, Spalletta C. and Perri M.C., 2001 - Sea level fluctuations and paleoenvironmental implications in the Devonian-Lower Carboniferous Carnic Basin (NE Italy- S Austria). In: Jansen U., Königshof P., Plodowski G. and Schindler E. (eds.) - 15th International Senckenberg Conference, Joint Meeting IGCP 421/SDS, May 2001, Frankfurt, Abstracts: 79.
6. Cardola P., Perri M.C., **Pondrelli M.**, Rettori R., Spalletta C. and Vachard D., 2001 – Devonian microfossils from Carnia (Southern Alps, Italy). Paleoforams 2001 - International Conference on Paleozoic Benthic Foraminifera, Ankara (Turkey) 20 –24 August 2001, abstract book: 8.
7. **Pondrelli M.**, Spalletta C. and Perri M.C., 2002 - Fluttuazioni eustatiche di alta frequenza nel Devoniano Superiore delle Alpi Carniche: una causa per l'estinzione di massa al limite Frasniano-Famenniano? Risultati preliminari. GIS2002, Pescara 20-21 ottobre 2002, abstract book: 77-79.
8. Corradini C., **Pondrelli M.**, Serventi P. and Simonetto L., 2002 - The Upper Silurian Cephalopod limestone in the Monte Cocco area (Carnic Alps, Italy): conodont data. *Strata*, 12: 81.
9. **Pondrelli M.**, 2003 - Lochkovian through Viséan tectonics of the Carnic Alps. Geophysical Research Abstracts, volume 5, EGS-AGU-EUG Joint Assembly.
10. **Pondrelli M.**, Baliva A., Di Lorenzo S., Marinangeli L. and Rossi A.P., 2003 – Complex evolution of paleolacustrine systems on Mars: an example from the Holden Crater. In: A Blanco, E. Dotto and V.

Orofino (Eds.): Proceedings of the Fifth Italian meeting of Planetary Science, Gallipoli (Lecce), Italy, September 15-19, 2003: 109-112.

11. Corradini C., Serventi P., Simonetto L. and **Pondrelli M.**, 2004, Loboliths (Crinoidea, lowermost Devonian) from Mount Zermula area (Carnic Alps, Italy). Devonian neritic-pelagic correlation and events. International meeting on stratigraphy, Rabat, Morocco. March 1-10, 2004 Abstracts, 52-53.
12. Brime C., Perri M.C., **Pondrelli M.**, Spalletta C. and Venturini C., 2003 - Thermal evolution of Palaeozoic-Triassic sequences of the Carnic Alps: Kübler Index and Conodont Colour Alteration Index evidence. *Atti Ticinensi di Scienze della Terra, Serie Speciale*, 9: 77-82.
13. Brime C., Perri M.C., **Pondrelli M.**, Spalletta C. and Venturini C., 2003 - Transition Diagenesis-Metamorphism in the Carnic Alps: Kübler Index and Conodont Color Alteration Index evidence. Euroclay 2003, Abstract book: 47-48. Accepted for Oral Presentation.
14. **Pondrelli M.**, Baliva A., Di Lorenzo S., Marinangeli L. and Rossi A.P. - Complex evolution of paleolacustrine systems on Mars: an example from the Holden Crater. *Lunar Planet. Sci.* [CD ROM], XXXV, abstract 1249, 2004. Accepted for Oral Presentation.
15. Marinangeli L., **Pondrelli M.**, Baliva A., Ori G.G., Rossi A.P. and Di Lorenzo S., 2004. Comparing lacustrine environments on Earth and Mars: pulsing water discharge in arid condition. 32nd International Geological Congress, electronic version posted on-line on July 20, 2004, Abs. Vol., pt. 1, abs. 305-11. Accepted for Oral Presentation.
16. Marinangeli L., Rossi A.P., **Pondrelli M.**, Baliva A., Di Lorenzo S., Ori G.G., Hauber E., Neukum G. and the HRSC team, 2005 - Paleoenvironmental evolution of the Holden-Uzboi area. *Lunar Planet. Sci.* [CD ROM], XXXVI, abstract 1702.
17. Caprarelli, G., Di Achille, G., Di Lorenzo, S., Glamoclija, M., Marinangeli, L., Ori, G.G., Pacifici, A., **Pondrelli, M.**, Popa, C., Rossi, A.P., et al. (2005). HRSC as a geological tool. V FIST (Italian Earth Science Forum) Meeting, 21-23 September, Spoleto, Italy.
18. **M. Pondrelli**, A.P. Rossi, L. Marinangeli, A. Baliva, S. Di Lorenzo, G.G. Ori, E. Hauber, G. Neukum and the HRSC team, 2005 - Sedimentary History Of The Holden NE Crater (Mars). V FIST (Italian Earth Science Forum) Meeting, 21-23 September, Spoleto, Italy. Accepted for Oral Presentation.
19. Marinangeli L., **Pondrelli M.** and Ori G.G., 2005 - Fluvio-lacustrine environments on Mars. in: Haas, H., Ramseyer, K. and Schlunegger, F. (eds), ABSTRACTS. Sediment 2005, 18 – 20 July 2005, Gwatt, Lake Thun, Switzerland. Accepted for Oral Presentation.
20. **Pondrelli M.**, Rossi A.P., Marinangeli L., Ori G.G., Di Lorenzo S., Baliva A., Hauber E., Neukum G. and the HRSC TEAM, 2006. Morphofacies analysis of the Eberswalde crater (Mars). *Lunar Planet. Sci.* [CD ROM], XXXVII, abstract 1555. Accepted for Oral Presentation.
21. **Pondrelli, M.**, A.P. Rossi, L. Marinangeli, E. Hauber, A. Baliva and K. Gwinner (2006) Water-level Fluctuations in the Eberswalde crater. (Mars), *Eos Trans. AGU*, 87(52), Fall Meet. Suppl., Abstract P23D-0092. Accepted for Oral Presentation.

22. A.P. Rossi, G. Neukum, **Pondrelli, M.**, T. Zegers, G.G. Ori, E. Hauber, P. Mason and A. Chicarro (2006) Water-level Fluctuations in the Eberswalde crater. (Mars), *Eos Trans. AGU*, 87(52), Fall Meet. Suppl., Abstract P13D-05.
23. Caprarelli G., **Pondrelli M.**, Di Lorenzo S., Marinangeli L., Ori G.G. and Neukum G., 2006. Mars Express High Resolution Stereo Camera: results of observations of north Tyrrhena Terra, Mars. *Proceedings Australian Space Science Conference* 6, 27-42.
24. Rossi, A., A. Chicarro, A. Pacifici, **M. Pondrelli**, J. Helbert, J. Benkhoff, T. Zegers, B. Foing, and G. Neukum (2006), Widespread Periglacial Landforms in Thaumasia Highland, Mars, LPSC 37, abs. 1568, Houston (TX), USA.
25. Rossi A. P. , Zegers T, **Pondrelli M.**, Gwinner K., Hauber E., Neukum G., Velasco E., Stesky R., Fueten F, Chicarro A., Foing B., 2007. HRSC-based Mapping and Internal Architecture of Gale Crater (Mars), LPSC XXXVIII, Abstract 1553.
26. Rossi A. P., Neukum G., **Pondrelli M.**, Zegers T, Mason P, Hauber E., Ori G. G., Fueten, F. Oosthoek J. , Chicarro A., Foing B. , 2007. The Case for Large-Scale Spring Deposits on Mars: Light-toned Deposits in Crater Bulges, Valles Marineris and Chaos, LPSC XXXVIII, Abstract 1549.
27. **Pondrelli M.**, Rossi A. P., Marinangeli L., Hauber E., Ori G. G. and Neukum G., 2007. Geological Map of the Holden and Eberswalde craters area, LPSC XXXVIII, Abstract 1254.
28. Pacifici A., Ori G.G, Komatsu G. and **Pondrelli M.**, 2007. The evolution of Ares vallis, LPSC XXXVIII, Abstract 1882.
29. **M. Pondrelli**, A. P. Rossi, L. Marinangeli, E. Hauber, K. Gwinner, A. Baliva, S. Di Lorenzo, 2007. Morphofacies analysis and water level fluctuations of the Eberswalde crater. 2nd International Workshop "Exploring Mars and its Earth Analogues", 19-23 June 2007, Trento, Italy. Accepted for Oral Presentation.
30. **M. Pondrelli**, A. P. Rossi, L. Marinangeli, E. Hauber, K. Gwinner, A. Baliva, S. Di Lorenzo, 2007. Sequence Stratigraphy Of The Eberswalde Fan Delta (Mars). European Mars Science and Exploration Conference: Mars Express and ExoMars, 12-16 November 2007, ESA-ESTEC, Noordwijk (NL). Accepted for Oral Presentation.
31. **M. Pondrelli**, A. P. Rossi, L. Marinangeli, E. Hauber, A. Baliva, 2008. Facies Analysis Of The Eberswalde Fan Delta (Mars). LPSC XXXIX, Abstract 1583. Accepted for Oral Presentation.
32. Rossi, A. P., S. Van Gasselt, **M. Pondrelli**, T. Zegers, E. Hauber, and G. Neukum (2008), Periglacial Landscape Evolution at Lower Mid-Latitudes on Mars: The Thaumasia Highlands, Ninth International Conference on Permafrost, Institute of Northern Engineering, University of Alaska Fairbanks., Fairbanks, AK (USA), 2008.
33. A.P. Rossi, **M. Pondrelli**, S. Van Gasselt, E., Zegers, T.E., Hauber, E. and Neukum, G., 2008. Gale crater bulge: a candidate multi-stage large Spring Mound. LPSC XXXVIII, Abstract 1611.
34. Ori G. G., Di Achille G. and **Pondrelli M.**, 2009. Deltas on Mars. LPSC XL, Abstract 1579.

35. D'Arcangelo S., **Pondrelli M.**, Rossi A. P. and Michael G., 2009. Geological Characterization of the Layered Deposits of the Crommelin Crater (Mars). LPSC XL, Abstract 1601.
36. A. P. Rossi, **M. Pondrelli**, E. Hauber, A. Baliva, G. Michael, G. G. Ori, L. Pompilio, M. Parente, A. Ivanov, G. Neukum., 2009. Stratigraphic Architecture and Structural Control on Sediment Emplacement in Becquerel Crater (Mars). LPSC XL, Abstract 1588.
37. **M. Pondrelli**, A. P. Rossi, L. Marinangeli and A. Baliva, 2009. The Holden and Eberswalde Deltaic Systems: Lithofacies and Depositional Environments. LPSC XL, Abstract 1619.
38. Corradini, C., **Pondrelli, M.**, Suttner, T. J., Schnellbacher, P., 2009. On the age of the upper part of La Valute Limestone (Carnic Alps). Berichte der Geologischen Bundesanstalt, 79, Wien. 12-13, 1 Abb., 2009.
39. Corriga M.G., Corradini, C., Lenhart O., Joachimski M.M., **Pondrelli, M.** and Simonetto L., 2009. The Silurian-Devonian Boundary in the Rifugio Lambertenghi Fontana III section (Wolayer area, Carnic Alps, Italy). Ber. Inst. Erdwiss. K.-F. –Univ. Graz, ISSN 1608-8166, Band 14, pages. 24-25.
40. Perri M.C., Pohler S.M.L., **Pondrelli, M.**, Schnellbacher, P., Spalletta C. and Suttner T.J., 2009. The Pragian-Frasnian 'transitional facies' of the Carnic Alps (Austria-Italy). Ber. Inst. Erdwiss. K.-F. – Univ. Graz, ISSN 1608-8166, Band 14, pages. 58-59.
41. Pohler S.M.L., **Pondrelli, M.** and Suttner T.J., 2009. Devonian shallow water carbonates of the Carnic Alps – current state of knowledge and future prospects. Ber. Inst. Erdwiss. K.-F. –Univ. Graz, ISSN 1608-8166, Band 14, pages. 62-64.
42. **Pondrelli M.**, Rossi A.P., Pompilio L., Marinangeli L., Ivanov A., Baliva A., 2009. The Holden and Eberswalde Fan Deltas: Stratigraphy, Sedimentology and Evolution. 10.1074/Epitome.03.1158.GeoItalia2009. Accepted for Oral Presentation.
43. **M. Pondrelli**, A. P. Rossi, L. Pompilio, L. Marinangeli, A. Ivanov and A. Baliva, 2009. The Holden and Eberswalde Deltaic Systems: Lithostratigraphy, Compositional Hints, Facies Analysis and Dynamics. In: (Eds Pascucci V. and Andreucci S.) Abstract book, 27th IAS Meeting of Sedimentology, Alghero, September 20-23, 2009, p. 644, Sassari, Italy.
44. A.P. Rossi, **M. Pondrelli**, L. Pompilio, E. Hauber, A. Ivanov, G.G. Ori, S. Van Gasselt, G. Michael, M. Parente and G. Neukum, 2009. Stratigraphy And Deformation Of Sedimentary Deposits In Becquerel Crater (Mars). In: (Eds Pascucci V. and Andreucci S.) Abstract book, 27th IAS Meeting of Sedimentology, Alghero, September 20-23, 2009, p. 664, Sassari, Italy.
45. Simonetto L., Serventi P., **Pondrelli M.** and Corradini C., 2009. Problematic fossil remains from the Silurian Kok Formation in the type area (Carnic Alps, Italy). Rendiconti della Società Paleontologica Italiana, 3 (3), 345-346.
46. Pacifici A. and **Pondrelli M.**, 2009. Geomorphological Mapping of Southern Argyre. Geological Mapping of Mars: a Workshop on new concepts and tools, Il Ciocco, Tuscany, Italy, Abstract book, 35.

47. **Pondrelli M.** and Rossi A.P., 2009. Geological, Geomorphological and Facies Map of the Eberswalde Fan Delta. Geological Mapping of Mars: a Workshop on new concepts and tools, Il Ciocco, Tuscany, Italy, Abstract book, 38.
48. **Pondrelli M.**, A. P. Rossi, G. G. Ori and S. van Gasselt, 2010. Sedimentary Volcanoes in the Crommelin Crater Area, Mars. LPSC XLI, Abstract 1149.
49. **M. Pondrelli**, A. P. Rossi, G. G. Ori and S. van Gasselt, 2010. Sedimentary Volcanoes in the Crommelin South Crater, Mars. First International Conference on Mars Sedimentology and Stratigraphy, Abstract 6025.
50. A. Pacifici and **M. Pondrelli**, 2010. High Resolution Investigation on Surlus Vallis Mouth and the Sinuous Ridges of Argyre Planitia, Mars. First International Conference on Mars Sedimentology and Stratigraphy, Abstract 6043.
51. Rossi A.P. and **Pondrelli M.**, 2010. The Role of Springs and Sedimentary Volcanism in Martian Geological Record. 38th COSPAR Scientific Assembly 2010, Abstract 4194. Accepted for Oral Presentation.
52. Rossi A.P., Ceramicola S., Praeg D., **Pondrelli M.**, Cavalazzi B. and Unnithan V., 2010. Methane Seepage on Mars: Looking for analogues from submarine fluid flow systems on Earth. 3rd Workshop of Italian Astrobiology Society, 26-28 May 2010 Castello di Duino (Duino -Aurisina), Abstract 1448. Accepted for Oral Presentation.
53. **Pondrelli M.**, A.P. Rossi, G.G. Ori, S.van Gasselt, D. Praeg and S. Ceramicola, 2010. Mud volcanoes discovered near the Crommelin South Crater, Mars., Eos Trans. AGU, 91(52), Fall Meet. Suppl., Abstract EP21A-0728.
54. Rossi, A.P., **Pondrelli M.**, van Gasselt, S., Unnithan, V., 2011. Geological variability of Equatorial Layered Deposits in Arabia Terra, Mars. EGU -4590, Vienna.
55. **M. Pondrelli**, A. P. Rossi, S. van Gasselt, L. Le Deit, F. Fueten, E. Hauber and T. Zegers, 2011. Equatorial Layered Deposits in Arabia Terra, Mars: Facies and Process Variability. LPSC XLII, Abstract 1825. Accepted for Oral Presentation.
56. Le Deit L., Hauber E., Fueten F., **Pondrelli M.**, van Gasselt S., Massé M., Verpoorter C., 2011. Geological Comparison of the Gale Crater Mound to other Equatorial Layered Deposits (ELDs) on Mars. LPSC XLII, Abstract 1857.
57. F. Ferri, S.R. Lewis, P. Withers, A. Aboudan, C. Bettanini, G. Colombatti, S. Debei, M. Golombek, A.M. Harri, G. Komatsu, M.R. Leese, T. Mäkinen, I. Müller-Wodarg, G.G. Ori, M.R. Patel, **M. Pondrelli**, T. Siili, T. Tokano, M. Towner, and J.C. Zarnecki, 2011. ExoMars Entry, Descent and Landing Science. EPSC-DPS Joint Meeting 2011, Abstract EPSC-DPS2011-388, 02 – 07 October 2011, Nantes, France. Accepted for Oral Presentation.
58. L. Le Deit, E. Hauber, F. Fueten, **M. Pondrelli**, A. Rossi, N. Mangold, S. van Gasselt, M. Massé, and R. Jaumann, 2011. Geological analysis of Gale Crater on Mars. EPSC-DPS Joint Meeting 2011, Abstract EPSC-DPS2011-966, 02 – 07 October 2011, Nantes, France. Accepted for Oral Presentation.

59. L. Le Deit, E. Hauber, F. Fueten, **M. Pondrelli**, A. P. Rossi, N. Mangold and R. Jaumann, 2011. Geological Study of Gale Crater on Mars. Abstract P21B-1665 presented at 2011 Fall Meeting, AGU, San Francisco, Calif., 5-9 Dec.
60. Kido, E., T. J. Suttner, **M. Pondrelli**, C. Corradini, M. G. Corrigan, L. Simonetto, and S. Berkyová (2011), Correlation of Mid-Devonian coral deposits of the Carnic Alps across the Austro-Italian border., in 11th Symposium on Fossil Cnidaria and Sponges, edited by M. Aretz, S. Delculée, J. Denayer and E. Poty, pp. 73-76, Kölner Forum für Geologie und Paläontologie, Liège.
61. Kido E., Suttner T.J., **Pondrelli M.**, Corradini C., Corrigan M.G., Simonetto L., Berkyová S. (2011) Middle Devonian rugose corals of the Carnic Alps and their relation to the Late Eifelian Kačák Event. In: Suttner TJ, Kido E, Piller WE, Königshof P (eds) IGCP 596 - Opening Meeting, Graz. Berichte des Institutes für Erdwissenschaften, Karl-Franzens-Universität Graz, Graz, pp 54-56.
62. **Pondrelli, M.**, Corradini, C., Corrigan, M.G., Kido, E., Simonetto, L., Spalletta, C., Suttner, T.J., and Carta, N. (2011). Pragian to Famennian depositional evolution of the M. Pizzul area (Carnic Alps, Italy): preliminary results. In T.J. Suttner, E. Kido, W.E. Piller and P. Königshof (Eds.), IGCP 596 - Opening Meeting, Graz (pp. 78-79). Graz: Berichte des Institutes für Erdwissenschaften, Karl-Franzens-Universität Graz.
63. Kido, E., Suttner, T.J., Koptikova, L., **Pondrelli, M.**, Corradini, C., Corrigan, M.G., Simonetto, L., Berkyová, S. and Vodrážka R. (2011). Magnetic susceptibility as tool for high- resolution correlation of pelagic and distal slope facies of the Middle Devonian in the Carnic Alps: preliminary results. – In: Koptikova, L., Hladil, J. and Adamovic, J. (Eds.): Miroslav Krs Conference: Time, Magnetism, Records, Systems and Solutions. The 2011 Annual IGCP 580 Meeting, October 12-18 Prague, Czech Republic, Abstract Volume, Institute of Geology ASCR, v. v. i., pp. 31-32, Prague.
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