

CURRICULUM VITAE

Born in Tradate (VA) on September 21st 1970. I received my Master degree (1995) and PhD (2001) in Geology from the University of Pavia.

My current research includes:

- Diagenesis of carbonates and siliciclastics;
- Sedimentology of carbonates and siliciclastics;
- Provenance of modern sands and ancient arenites;
- Petroleum and aqueous fluid inclusions;
- Evolution and migration of fluids in sedimentary basins;
- Characterization and modelling of properties and geometries of carbonate reservoirs;
- Petroleum system analysis.

My main research interest is the use of fluid inclusions to interpret the role, evolution and migration of diagenetic fluids in sedimentary basins and as thermal constraints in sedimentary basins study.

During my career I had the possibility to develop experience in the use of different analytical equipments (optical and electron microscopes, cathodoluminescence, X-ray diffractometer, fluid inclusion stage) aimed to the study of different aspects of petrography, petrophysic and diagenesis of sedimentary rocks.

I act as scientific advisor and consultant in industry-funded research projects.

QUALIFICATION & PAST ROLES

February 2005 to present.....University of Pavia – PAVIA (ITALY)

- Senior lecturer position c/o the Department of Earth and Environmental Sciences at the University of Pavia (Italy).

July 2001 to February 2005.....University of Pavia – PAVIA (ITALY)

- Post-doctoral research assistant c/o the Dept. of Earth Sciences. During this period, I had the possibility to mature a great experience in petrology, including sandstone and carbonate diagenesis, with a special emphasis in fluid inclusion analyses as a valid tool to investigate PTX condition of fluids in sedimentary basins and migration and composition of hydrocarbon fluids.

January 2001 to June 2001.....University of Pavia – PAVIA (ITALY)

- Post-doctoral fellowship granted by Regione Emilia-Romagna.
 - Topic of the study: “Po-plain Tertiary deposits: a tool for the reconstruction of the Po-plain subsurface geology”.

October '97 to October 2000.....University of Pavia – PAVIA (ITALY)

- I've completed my three years PhD programme with a project on “*Fluid Inclusions as a Tool to Investigate Diagenetic Evolution of Sedimentary Rocks*”

Supervisors: Prof. Andrea Di Giulio (University of Pavia, Italy).
Prof. Robert H. Goldstein (The University of Kansas, USA).

Sept '90 to June '95.....University of Pavia – PAVIA (ITALY)

- Degree in Geological Sciences (Master equivalent)
Dissertation title: “*Sandstone Petrography of the Beacon Supergroup (northern Victoria Land, Antarctica)*”
Subjects included: Sedimentology, Sedimentary Petrography, Petroleum Geology, Reservoir Geology, Geochemistry, Mineralogy.
Tutor: Prof. Raffaele Casnedi (Professor Geology c/o University of Pavia)
Co-tutors: Dr. Andrea Di Giulio (Professor Sedimentology c/o University of Pavia)
Dr. Andrea Ortenzi (Senior Petrographer c/o ENI-Agip Petroleum S.p.A.)

TEACHING EXPERIENCE

- In charge for the course of “Sedimentology” (48 hours semester), Bachelor degree in Geological Sciences.
- In charge for the course “Geologia I” (32 hours semester), Bachelor Degree in Geological Sciences.
- From A.Y. 2007-2008 to A.Y. 2010-2011, in charge for the course of “Petroleum Geology” (72 hours semester), MSc in Applied Geology ().

SYMPOSIUMS/INVITED LECTURES/PROFESSIONAL MEETINGS/WORKSHOPS

- June, 2010: Workshop organizer, Integrated Methodologies Applied to the Quantification of Geological Processes. Convenors: Domenico Grigo (Eni E&P), Sveva Corrado (University “Roma Tre”), Massimiliano Zattin (University of Padova) & Andrea Ceriani (University of Pavia). 72nd EAGE Conference & Exhibition incorporating SPE EUROPEC 2010, Barcelona, Spain.
- September, 2009: Invited Chair, Low temperature fluids. XX European Current Research on Fluid Inclusions – ECROFI 2009, Granada (Spain), 21st to 30th of September.
- May, 2006: Invited lecturer to hold a short course on “Modern Carbonates and Diagenesis”; Babeş-Bolyai University, Department of Geology, Cluj-Napoca, ROMANIA.
- June, 2005, Organizer of the short-course and workshop: "The record of thermal history in sedimentary successions". Rome (Italy), 21-23 June.
- June, 2004: Invited Lecturer to hold a short course on “Systematic of fluid inclusions in diagenetic minerals and applications to petroleum industry”; The Research Institute for Petroleum Industry, Teheran, IRAN.
- June, 2003, Organizer of the first edition of the short-course and workshop: "The record of thermal history in sedimentary successions". Pavia (Italy), 5-6 June.

OTHER TITLES/TEACHING EXPERIENCES

- From February 2013: *Visiting Associate Professor*, The Petroleum Institute Abu Dhabi (UAE)
- July to September 1999: *Visiting Scholar* c/o the Department of Geology, University of Kansas, USA.
- April to June 2000: *Adjunct Research Assistant* c/o the Department of Geology, University of Kansas, USA.

SELECTED RELEVANT PUBLICATIONS

IN REVIEW

- 1) Fontana S., Nader F.H., Morad S., Ceriani A., Al-Aasm I.S., Daniel J-M., Mengus J-M. - Evolution of fluid-rock interactions associated with regional tectonics and basin history: an example from the Permo-Triassic carbonates of the United Arab Emirates. *Sedimentology*
- 2) M.I. Millán, S. M. Bernasconi, M.A. López-Horgue, A. Ceriani, E. Iriarte, H. Weissert - Clumped Isotope Thermometry on Pozalagua hydrothermal system (Basque Cantabrian Basin, N Spain). *Earth and Planetary Science Letters*

ISI JOURNALS

- 1) F. H. Nader, E. De Boever, M. Liberati, C. Dumont, M. Gasparrini, A. Ceriani, S. Morad, O. Lerat, B. Doligez - Quantification of Diagenesis Impacts on the Reservoir Properties of the Jurassic Arab D and C Members (Offshore, U.A.E.). *Geofluids* (2013) 13, 204–220.
- 2) Sadoon Morad, Ihsan S. Al-Aasm, Fadi H. Nader, Andrea Ceriani and Marta Gasparrini (2012) - Impact of diagenesis on the spatial and temporal distribution of reservoir quality in the Jurassic Arab C and D members, offshore Abu Dhabi oilfield, United Arab Emirates. *GeoArabia*, v. 17, no. 3, p. 17-54.
- 3) Al-Aasm, IS, Fontana, S., Ceriani, A., Morad, S. And Nader, F., 2011. Fracture mineralization and fluid flow evolution: an example from the Permian-Triassic carbonate successions of United Arab Emirates. *GeoArabia*, v. 17, nr. 1, 189-194.
- 4) Fontana S, Morad S, Nader FH, Ceriani A, and Al-Aasm IS, 2011. Breccia beds in the Khuff (Permian-Triassic) in Ras Al Khaimah, United Arab Emirates: collapse or transgressive origin? *GeoArabia*, v. 17, nr. 1, 225-230.
- 5) Ronchi P., Jadoul F., Ceriani A., Di Giulio A., Scotti P., Ortenzi A., Fantoni R. (2011) - Multistage Dolomitization in an Early Jurassic Platform (Southern Alps, Italy): insights for the distribution of massive dolomitized bodies. *Sedimentology*, Vol. 58, nr 2, 532-565. DOI: 10.1111/j.1365-3091.2010.01174.x
- 6) Ceriani A., Calabrò R., Di Giulio A., and R. Buonaguro (2011) - Diagenetic and Thermal History of the Jurassic-Tertiary Succession of the Zagros Mountains in the Dezful Embayment (SW Iran): Constraints from Fluid Inclusions. *Int J Earth Sci (Geol Rundsch)*, DOI: 10.1007/s00531-010-0530-5.
- 7) S. Fontana, F.H. Nader, S. Morad, A. Ceriani, I.S. Al-Aasm (2010) - Diagenesis of the Khuff Formation (Permian–Triassic), northern United Arab Emirates. *Arabian Journal of Geosciences*, Vol. 3, nr. 4, 351-368. DOI: 10.1007/s12517-010-0198-y
- 8) Ceriani A., Di Giulio A., Fantoni R. & Scotti P. (2006) - Cooling in rifting sequences during increasing burial depth due to heat flow decrease. *Terra Nova*, 18, 365-371.
- 9) Di Giulio A., A. Ceriani, E. Ghia, F. Zucca (2003) – Composition of modern stream sands derived from sedimentary source rocks in a temperate climate (Northern Apennines, Italy). *Sedimentary Geology*, vol 158/1-2; pp 145 – 161.
- 10) Ceriani A., A. Di Giulio, R.H. Goldstein & C. Rossi & (2002) – Diagenesis associated with cooling during burial: an Example from Lower Cretaceous reservoir sandstones (Sirt Basin, Libya). *AAPG Bulletin*, v. 86, nr. 9, pp. 1573-1591.
- 11) Rossi C., R.H. Goldstein, A. Ceriani & R. Marfil (2002) – Fluid inclusions record thermal and fluid evolution in reservoir sandstones, Khatatba Formation, Western Desert, Egypt: a case for fluid injection. *AAPG Bulletin*, v. 86, nr. 10, pp. 1773-1799.
- 12) Di Giulio A., Tribuzio R., Ceriani A. & Riccardi M.P. (1999) – Integrated analyses constraining the Provenance of Sandstones. A case study: the Section Peak Formation (Beacon Supergroup, Antarctica). *Sedimentary Geology* 124, 169-183.

NOT-ISI JOURNALS

- 1) Ceriani A. (2003) - Thermal constraints from fluid inclusions and applications to petroleum exploration. *Atti Ticinensi di Scienze della Terra*, S.S. 9, pp. 43-54.
- 2) Calabrò R., Ceriani A., Di Giulio A., Fantoni R. & Scotti P. (2003) - Reconstruction of the thermal history of the syn-rift sequence between the Iseo Basin and Trento Plateau: results from the integrated study of organic matter and fluid inclusions. *Atti Ticinensi di Scienze della Terra*, S.S. 9, pp. 88-91.
- 3) Ronchi P., F. Casaglia & A. Ceriani (2003) – The multiphase dolomitization of the Liassic Calcare Massiccio and Corniola successions (Montagna dei Fiori, Northern Apennines, Italy). *Boll. Soc. Geol. It.*, 122, 157-172.
- 4) Di Giulio A., Piccio A., Ceriani A. & Firrigno M (2001) – Relazioni tra Litofacies, Petrofacies, Diagenesi e Comportamento Meccanico delle Arenarie della Formazione di Ranzano (Bacino Terziario Piemontese). *Bollettino della Società Geologica Italiana*, Vol. 120, 81-95.
- 5) Mancin N., Ceriani A., Tagni F. e G. Brambilla (2001) – La Formazione di Ternate (Italia Settentrionale): contenuto micropaleontologico e caratterizzazione petrografica. *Atti Ticinesi di Scienze della Terra*, Vol. 42, 37-46

ARTICLE ON BOOKS

- 1) Fontana S., Nader F.H., Morad S., Ceriani A., Al-Aasm I.S. (2012) - Diagenesis of the Khuff Formation (Permian–Triassic), northern United Arab Emirates, In: *Lithosphere Dynamics and Sedimentary Basins: The Arabian Plate Analogues*. Al Hosani K., Roure F., Ellison R., Lokier S (eds.). *Frontiers in Earth Sciences*, 203-220. ISBN: 9783642292781
- 1) Ronchi P., Di Giulio A., Ceriani A., Scotti P. (2010) - Contrasting fluid events giving rise to apparently similar diagenetic products; report from late-stage dolomite cements from the Southern Alps and Central Apennines (Italy). From: VAN BUCHEM, F., GERDES, K. & ESTEBAN, M. (eds) *Mesozoic and Cenozoic Carbonate Systems of the Mediterranean and the Middle East: Stratigraphic and Diagenetic Reference Models*. Geological Society, London, Special Publications, 329, 395–411. DOI: 10.1144/SP329.15
- 2) A. Ceriani, N. Mancin, A. Di Giulio (2010) - Dall'orogenesi alla sedimentazione e viceversa: analisi di bacino applicata al bacino di foreland sudalpino. In: *Una nuova geologia per la Lombardia*, G. Orbelli, G. Cassinis and M. Gaetani (eds.). Istituto Lombardo Accademia delle Scienze Incontri di Studio, 54, 161-180. ISBN 978-88-7916-452-8.
- 3) Fantoni R., Barbieri C., Bini A., Bistacchi A., Ceriani A., Cossutta F., Decarlis A., Di Giulio A., Ghielmi M., Mancin N., Rogledi S., Zattin M. (2005) - Tra Alpi e Pianura Padana: l'evoluzione recente del margine alpino-padano in bassa Valsesia, "D'Acqua e di Pietra - il Monte Fenera e le sue collezioni museali". Fantoni R., Cerri R., Della Role E. (eds.), pp. 130-142.
- 4) Murgia, M. V., P. Ronchi, and A. Ceriani, 2004, Dolomitization processes and their relationships with the evolution of an orogenic belt (central Apennines and peri-Adriatic foreland, Italy), in R. Swennen, F. Roure, and J. W. Granath, eds., *Deformation, fluid flow, and reservoir appraisal in foreland fold and thrust belts: AAPG Hedberg Series*, no. 1, p. 277– 294.
- 5) Di Giulio A., Casnedi R., Ceriani A., Ortenzi A. & Rossi A. (1997) – Sandstone Composition of the Section Peak Formation (Beacon Supergroup, Northern Victoria Land, Antarctica) and Relations with Ferrar Group Volcanics. In: *The Antarctic Region: Geological Evolution and Processes* (Ed. by C.A. Ricci), Siena, 297-304.

EXTENDED ABSTRACTS

- 1) Fontana, S, Nader F.H, Morad, S, Al-Aasm, I.S., Ceriani, A. (2011) - Diagenesis of the Permo-triassic Succession of the Northeastern UAE, an Outcrop Analogue of the Khuff Formation. DVD Abstract Volume, E018, 73rd EAGE Conference & Exhibition incorporating SPE EUROPEC 2011, Vienna, Austria, 23-26 May 2011, 5 pp.

2) Fontana S, Nader FH, Ceriani A, Morad S, Al-Aasm IS (2010) - Hydrothermal dolomitization in the Upper Triassic Ghallilah Formation, North-eastern United Arab Emirates. 72nd EAGE Annual Conference & Exhibition, 14-17 June 2010, Barcelona, Spain, 5pp.

3) A. Ceriani, R. Di Cuia, A. Scifoni & A. Riva (2008) - Relation between Diagenetic Evolution and Tectonic Regimes in Thrust-fold Belt - The Calcarei Grigi Group, Jurassic, Asiago Plateau, Northern Italy. 70th EAGE Conference & Exhibition Extended Abstracts Catalogue, A004, Rome, Italy, 9-12 June 2008, 5 pp.

4) R. Di Cuia, A. Scifoni, A. Riva, A. Moretti & A. Ceriani (2008) - Diagenetic Evolution and Distribution of Dolomite Bodies in a Partially Dolomitised Sequence – The Calcarei Grigi Group. 70th EAGE Conference & Exhibition Extended Abstracts Catalogue, A009, Rome, Italy, 9-12 June 2008, 5 pp.

5) Ceriani A., Calabrò R., Di Giulio A., Naini M., Carpi R., Buonaguro R. (2005) – Thermal history of the Jurassic-Tertiary succession of the Zagros mountains (Iran): constraints from the study of fluid inclusions. *Atti Ticinensi di Scienze della Terra*, S.S. 10, pp. 81-85.

4) Ronchi P., Imperial E., Scotti P., Ceriani A., Jadoul F. & Ricchiuto T. (2003) - The thermal and diagenetic history of the Dolomia Principale in the Iseo basin (Southern Alps, Italy). *Atti Ticinensi di Scienze della Terra*, S.S. 9, pp. 83-87.

5) Ceriani A., Di Giulio A., Imperial E. & P. Ronchi (2002) – Storia termica del margine sudalpino: vincoli dallo studio delle inclusioni fluide dei mounds carbonatici di Magasa-Capovalle (Norico, Brescia). *Plinius*, 28, pp. 101-103.

6) Calabro' R. A., A. Ceriani, A. Di Giulio, R. Fantoni, E. Imperial, P. Ronchi, P. Scotti & P.L. Vercesi (2002) – Thermal history of a syn-rift sequence: an example from the central Southern Alps. *Bollettino di Geofisica*, v. 42, n. 1/2 supplement, pp. 34-38. RealMod 2002 EAGE Meeting, 2-4 October 2002, S. Donato M.se (Italy).

Abstracts

Fluid inclusions, Diagenesis, Thermal history

Fontana, S. Nader, F.H., Morad, S., Ceriani, A., Al-Aasm, I. (2011) - Diagenesis and Fluid System Evolution of the Khuff Formation Outcrop Analogues, Northern United Arab Emirates. AAPG International Conference and Exhibition, CD Abstract nr.1070879; 23-26 October, Milano Convention Center, Milan, Italy.

S. Morad, I.S. Al-Aasm, F.H. Nader, A. Ceriani & M. Gasparrini (2011) - Linking diagenesis to sequence stratigraphy: prediction of reservoir quality distribution in the Jurassic Arab Formation, Abu Dhabi. 28th IAS Meeting of Sedimentology Abstract, 571, 5-8 July 2011, Zaragoza, Spain.

Eneko Iriarte, Mikel A. López-Horgue, Arantxa Aranburu, Arantxa Bodego, Andrea Ceriani and Joaquín García-Mondéjar (2010) - Synsedimentary Cretaceous hydrothermalism in the Leiza Fault (Basque Cantabrian Basin, western Pyrenees). Abstract Volume 23ème Réunion des Sciences de la Terre, Bordeaux, 25-29 October 2010, 109-110.

Demir, Y., Sadıklar, M.B., Uysal, İ., Ceriani, A., ve Haniçlı, N., 2010. Alteration Mineralogy, Fluid Inclusion and LA-ICP MS Lead Isotope Properties of Pb-Zn-Cu Ore Deposits from the Kabadüz Area (Ordu, NE-Turkey), 45th Anniversary Geology Symposium Abstract Book, 13-16 October, 69-71, Trabzon/Turkey.

Fontana, S, Nader F.H, Morad, S, Ceriani, A, Al-Aasm, I.S. (2010) - Diagenesis of the Permo-Triassic rock sequence of northern U.A.E.: Lessons learnt from Khuff Formation analogues. AAPG GTW – Basin and Petroleum Systems Modeling in the Middle East: Applications and Case Studies, 11-13 October 2010, Dubai, UAE.

Demir, Y; Sadıklar, M.B; Uysal, İ; Ceriani, A; ve Haniçlı, N., 2010. Alteration Mineralogy, Fluid Inclusion and LA-ICPMS Lead Isotope Properties of Pb-Zn-Cu Ore Deposits from the Kabadüz Area (Ordu, NE-Turkey), 63rd Geological Congress of Turkey Abstract Volume, 13-17 April, 146-147, Ankara/Turkey.

Fontana, S., Al-Aasm, I.S., Ceriani, A., Morad, S., Nader, F.H. (2009) - Diagenesis and Reservoir Quality Evolution of the Permian Bih Formation (Khuff Reservoir Analogue), Ras Al Khaimah, United Arab Emirates. ILP Task Force on Sedimentary Basins 2009 International Workshop Abstract with Programme Volume, pp. 42-45, December 6-11, 2009, Abu Dhabi (United Arab Emirates).

Ceriani A., S. Fontana (2009) - Fluid Inclusion Constraints In Thermal History Modelling: Example from the Dolomitized Calcarei Grigi Group (Asiago Plateau, Northern Italy). ECROFI XX Meeting Programme and Abstracts Volume, pp. 55-56, 21-27 September, 2009, University of Granada, Spain.

Fontana, S. and Ceriani, A., 2009. Diagenetic evolution and dolomitization mechanisms in a Lower Jurassic partially dolomitized sequence: the Calcarei Grigi Group (Asiago Plateau, northern Italy). 27th IAS Meeting of Sedimentology, Alghero, Italy, 20-23 September 2009. Abstracts book, 169.

Ceriani A., Di Giulio A. & P. Ronchi (2006) – Late dolomitization and collisional tectonics: a comparison between Southern Alps and central Apennines. Adria 2006 Abstract book, 20, p. 42. Urbino 19-20 Giugno 2006.

Ceriani A., Di Giulio A. & P. Ronchi (2006) – Late dolomitization and collisional tectonics: a comparison between Southern Alps and central Apennines. Adria 2006 Abstract book, 20, p. 42. Urbino 19-20 Giugno 2006.

Decarlis A., Ceriani A., Lualdi A.(2006) - Lower and Middle Jurassic omission surface in the Nice arc: sedimentary features and fluid inclusions analysis. An integrated approach. Réunion Spécialisée de la Société Géologique de France: Histoire et dynamique des plates-formes carbonates et de leurs biotas durant le Phanérozoïque. Journées Jean PHILIP, Marseille 18-19 Maggio 2006, Abstract Vol., pp.16 (2006).

Ronchi P., Ceriani A., Di Giulio A.(2006) - Multiphase dolomitization related to different thrust-fold belts (Southern Alps and Central Apennines, Italy: the record of different hydrologic regimes from fluid inclusion analyses., "AAPG Regional Meeting", Mallorca, Abstract Volume.

Ceriani A., Di Giulio A., Galinetto P., Maragliulo C. (2005) – Searching for a proof of gas-hydrates dissociation in the geological record. XVIII E.C.R.O.F.I. Meeting Abstract CD. Siena, 4-9 July.

Ceriani A., Di Giulio A., Galinetto P., Trovati S. (2004) – Evidences for hydrothermal hydrocarbon circulation related to the diagenesis of Kess-Kess mud mounds (Devonian, Morocco). 32° IGC CD abstract, A32IGCCLFW7, Firenze 20-28 Agosto.

Di Giulio A., Ceriani A., Galinetto P., Maragliulo C., Trovati S. (2004) – Fossil hydrocarbon-related limestones possibly due to clathrate dissociation: the case of Marmorito (Miocene, NW Italy). 32° IGC CD abstract, A32IGC7YJA, Firenze 20-28 Agosto.

Ceriani A., Calabrò R., Di Giulio A., Naini M., Carpi R., Buonaguro R. (2004) –Experimental data vs numerical simulations: thermal history of the Jurassic-Tertiary succession of the Zagros mountains (Iran). 32° IGC CD abstract, A32IGCB4MR, Firenze 20-28 Agosto.

Ceriani A., Di Giulio A., Fantoni R., Ortenzi A., Scotti P., Zattin M. (2004) – Cooling related to heat-flow decrease in post-rift sequences. 32° IGC CD abstract, A32IGC33CY, Firenze 20-28 Agosto.

Ceriani A., Calabrò R., Di Giulio A., Naini M., Carpi R. & R. Buonaguro (2003) - Thermal History of the Jurassic-Tertiary Succession of the Zagros Mountains (Iran): Constraints from the Study of Fluid Inclusions. AAPG International Conference and Exhibition, 21-24 September, Barcelona, Spain, A16.

Casaglia F., Ronchi P., and A. Ceriani (2002) – Multiphase Dolomitization in the Liassic Calcare Massiccio and Corniola Formations (Montagna dei Fiori, Northern Apennines, Italy). 6th International Symposium on The Jurassic System, Abstracts Book. Mondello, Sicily, 12-22 September 2002, p.28

Ceriani A., R.H. Goldstein, C. Rossi & A. Di Giulio (2000) – Fluid inclusions assemblages in quartz and dolomite cements constrain fluid and thermal history in Lower Cretaceous, Upper Nubian Sandstones, Libya. IAS 20th Regional Meeting Abstract Volume, Dublin, September 2000, pg. 82.

Rossi C., R. Marfil, R.H. Goldstein, A. Permanyer, J.A. de la Pena, R. Salas, M.A. Caja, M.I. Benito & A. Ceriani (2000) – Diagenetic and oil migration history of the Kimmeridgian Ascla Formation, Maestrat Basin, Spain. IAS 20th Regional Meeting Abstract Volume, Dublin September 2000, pg. 51.

Ceriani A., R.H. Goldstein, C. Rossi & A. Di Giulio (2000) – Fluid Inclusions as a Tool to Investigate Diagenetic Evolution of Clastic Petroleum Reservoirs: an Example from the Lower Cretaceous Upper Nubian Sandstones (Libya). Riassunti delle comunicazioni orali e poster 80 Riunione della Società Geologica, Trieste Luglio 2000, pg. 142.

Ceriani A., C. Rossi, R.H. Goldstein & A. Di Giulio (2000) – Fluid inclusions assemblages in quartz overgrowths constrain diagenetic systems in Jurassic-Cretaceous sandstone reservoirs, Libya and Egypt. AAPG Abstract Volume 9, New Orleans April 2000, pg. A25.

Modern and ancient sands Provenance

Di Giulio A., Cibir U., Ceriani A., Albertini C., Maggi F. (2004) – Quaternary competition of longitudinal vs. Transversal drainage network in the southern Po river alluvial plain (Italy). 32° IGC CD abstract, A32IGCSS8E, Firenze 20-28 Agosto.

Ceriani Andrea, Di Giulio Andrea, Zucca Francesco (2004) – Quantitative provenance of modern recycled-orogen sands from NW Italy: towards a baseline for determining the importance of recycling in ancient sandstones. 32° IGC CD abstract, A32IGCWJ72, Firenze 20-28 Agosto.

Di Giulio A., A. Ceriani, F. Zucca and R. Belloni (2003) – An actualistic key from NW Italy to evaluate recycling in ancient fluvial sandstones. Geophysical Research Abstracts, Vol. 5, 09120, EUG-EGS-AGU Meeting, 6-11 April, Nice (France).

Di Giulio A., A. Ceriani & F. Zucca (2001) – History of orogenic belts erosion from sediment composition: toward a model for Northern Apennines (Italy). Abstract Volume Workshop “Uplift and Erosion: driving processes and resulting landforms”; 20-21 Settembre, Certosa di Pontignano (SI) Italy, 34-35.

Di Giulio A., A. Ceriani, E. Ghia & F. Zucca (2001) – Composition of modern stream sands from sedimentary source rocks in a temperate climate (Northern Apennines, Italy). Abstract Volume European Union of Geosciences XI, Strasburgo (Francia), 8-12 Aprile 2001, EVO2 180.

Mancin N., A. Ceriani, F. Tagni & G. Brambilla (2001) – The Ternate Formation (Northern Italy): Planktonic Foraminiferal Biostratigraphy, Calcareous Algae Assemblages and Sedimentary Petrography. Abstract Volume European Union of Geosciences XI, Strasburgo (Francia), 8-12 Aprile 2001, OS01 503.

Di Giulio A., A. Ceriani, F. Zucca & E. Ghia (2000) – Composizione delle sabbie fluviali e geologia del bacino imbrifero: il caso dell'Appennino pavese-piacentino. Riassunti delle comunicazioni orali e poster 80 Riunione della Società Geologica, Trieste Luglio 2000, pg. 217.

Di Giulio A., A. Piccio, A. Ceriani & M. Firrigno (2000) – Relazioni tra facies deposizionali, petrofacies, diagenesi e comportamento meccanico delle arenarie della Formazione di Ranzano (Eocene-Oligocene, Bacino Terziario Piemontese). Riassunti delle comunicazioni orali e poster 80 Riunione della Società Geologica, Trieste Luglio 2000, pg. 219.

Garzanti E., A. Di Giulio, A. Ceriani, A. Gamba, M. Russo, M. Scutella & C. Vidimari (1999) – Contrasting Actualistic Petrofacies from Alpine to Apenninic Orogenic Belts. EUG 10 Abstract Volume 4, N°. 1, Strasburgo (Francia), Marzo 1999, pg. 70.

Ceriani A., A. Di Giulio, M. Setti & E. Ghia (1998) – Composizione dei sedimenti attuali del Po e dei suoi affluenti tra Alessandria e Piacenza. *Giornale di Geologia*, Vol. 60, 27-28.

Di Giulio A., Tribuzio R., Ceriani A. & Riccardi M.P. (1997) – Varietal analyses in Provenance studies: a case study from the Section Peak Formation (Beacon Supergroup, Northern Victoria Land, Antarctica). *Terra Nova Abstract Supplement* 9, 595.

Di Giulio A., Casnedi R., Ceriani A., Ortenzi A. & Rossi A. (1995) – Sandstone Petrography of the Beacon Supergroup (Northern Victoria Land, Antarctica). VII International Symposium on Antarctic Earth Sciences, Abstract Volume; pag. 111.