

Curriculum Vitae

CLAUDIO N. DI CELMA

Dipartimento di Scienze della Terra
Via Gentile III da Varano, 1
E-mail: claudio.dicelma@unicam.it
Mobile: +39.3387669437
Work Phone: +390737402642

Overview

Claudio is currently a Researcher in Stratigraphy and Sedimentology at the University of Camerino (Italy). He received his degree in Geology from the University of Camerino in 1995 and a PhD in Earth Sciences from the University of Pisa in 2002. Prior to joining the STRATGroup at the University of Liverpool in April 2006, he spent about 3 years as postdoctoral research assistant at the University of Camerino, working on the Neogene of northern Chile and central Italy.

At Liverpool, he spent two years as a postdoctoral research assistant and was involved in the industry-sponsored Slope 2 Project. His research was focused on developing models for the depositional architecture, internal fills styles, and sequence stratigraphic framework of slope channel-levee complexes exposed in the Laingsburg depocenter of the Karoo Basin (South Africa).

Most of his past research has focused on the construction of high-resolution sequence stratigraphic frameworks for Miocene, Pliocene, and Pleistocene shallow-marine clastic successions exposed in active extensional and compressional settings, such as central Italy, Ecuador, and northern Chile, with particular emphasis on the relative impact of both Milankovitch-driven sea-level changes and tectonics on their final stratigraphic architecture.

His current research interests focus on the role played by external controls on the nature and timing of deepwater deposition, characterization of deepwater reservoir outcrop analogues, and application of hierarchical stacking patterns in deepwater sequence stratigraphy.

University Education

- Nov 1997 - Oct 2001 Ph.D. in Earth Sciences from Università di Pisa, Pisa, Italy
Dissertation: *Mollusc shell beds as a tool for the sequence stratigraphic analysis of Plio-Pleistocene successions of Ecuador* (in Italian).
Thesis supervisor: Prof. Walter Landini
- 1995, July Degree in Geological Sciences, (final mark Magna Cum Laude) from
Università di Camerino, Camerino (MC), Italy
Degree thesis entitled: *Geological mapping and facies analysis of Monti della Baronia (Avellino, southern Italy)* (in Italian).
Thesis supervisor: Prof. Gino Cantalamessa

¹ The most updated version of this document (PDF) can be accessed via the internet at <http://web.unicam.it/discite/laboratori/lab-sedimentologia/dicelma/Resume.htm>

Selection of Additional Education

- 2008, Apr 13-18 “Deep-Water Siliciclastic Reservoirs, California” AAPG Field Course. Leaders Prof. D.R. Lowe and Prof. S.A. Graham (University of Stanford, California).
- 2002, Mar 27-29 “Margins: source to sink sediment transport and stratigraphic modeling”. Prof. James P. Syvitski (INSTAAR, Boulder, Colorado). Area di Ricerca del CNR, Istituto di Geologia Marina di Bologna.
- 2000, Oct 2-6 “Introduction to the sedimentology of the alluvial fan systems” Prof. Ferran Colombo (University of Barcelona, Spain).
- 2000, Sept 11-16 “Marine taphonomy and paleoenvironmental analysis in a sequence stratigraphic context”. Prof. C.E. Brett (University of Cincinnati, Ohio).
- 1999, Oct 18 -20 “Integrated approach to palaeoenvironmental reconstructions: trace fossils, biostratigraphy/shell beds, ecology of benthic faunas”. Prof. F.Th. Fürsich (University of Würzburg, Germany).
- 1998, May 25-30 “Corso avanzato di stratigrafia sismica e sequenziale in aree marine”. CNR – Istituto di Geologia Marina di Bologna.
- 1997, Sept 16-26 “2° Summer School on Quaternary Geology”. Associazione Italiana per lo Studio del Quaternario (AIQUA), CNR & Università degli Studi di Bari.
- 1996, Sept 12-20 Earth and Planetary Sciences International Summer School: “Sedimentary Basins - Models and Constraints”. S. Cloethingh, G. Ranalli, C.A. Ricci. Università degli Studi di Siena-CNR.

International Experience

- 2003, Jan -June Fellowship of the Università di Camerino for advanced studies in foreign countries
- “Advanced studies on aspects of high-resolution sequence stratigraphy” under the supervision of Prof. Steve Flint, STRAT Group, University of Liverpool, UK.
- 1999, Mar-May Course on “Sequence Stratigraphy” at the University of Texas, Austin, TX – USA. Prof. William L. Fisher.
- 1998, Mar-May Course on “Basin Analysis” at the University of Oregon, Eugene, OR – USA Prof. Rebecca J. Dorsey.

Teaching Experience

Università di Camerino

- 2007/2008: “Petroleum Geology” (graduate course)
- 2005/2006: “Sequence Stratigraphy” (undergraduate course)
- 2005/2006: “Petroleum Geology” (graduate course)
- 2005/2006: “Basin Analysis” (graduate course)
- 2004/2005: “Sequence Stratigraphy” (undergraduate course)
- 2004/2005: “Petroleum Geology” (graduate course)
- 2004/2005: “Basin Analysis” (graduate course)
- 2003/2004: “Petroleum Geology” (undergraduate course)
- 2003/2004: “Stratigraphic Geology” (undergraduate course)
- 2002/2003: “Stratigraphic Geology” (undergraduate course)
- 2001/2002: “Stratigraphic Geology” (undergraduate course)
- 2000/2001: “Sequence stratigraphy” (undergraduate course)
- 1999/2000: Tutor in support of students of the course “Geology I”

Graduate Theses

1996–2006 Università di Camerino, Dipartimento di Scienze della Terra
Advisor and co-advisor of 25 graduation theses in geological mapping, facies analysis, and stratigraphy

Research Experience

Feb 2008 Lecturer in Sedimentology and Stratigraphy at the University of Camerino (Italy)

Apr 2006 - Jan 2008 Research Associate position at the University of Liverpool under the supervision of Prof. Stephen Flint (STRAT Group). Slope Phase 2 project, a petroleum industry-sponsored group project to investigate the sequence stratigraphy of the deep-water Tanqua-Karoo basin, South Africa.

Sept 2003 – Mar 2006 Research Fellow under the supervision of Prof. Gino Cantalamessa. Dipartimento di Scienze della Terra, Università di Camerino, Italy.

- Research project entitled: *Distinguishing climatic and tectonic controls on the Plio-Pleistocene infill of the Periadriatic Basin (central Italy) and on coeval successions of northern Chile: depositional sequences, regional correlations and paleogeographic reconstructions*

Jan 2003-Dec 2005 Cofin Marche (Prof. M. Potetti) Member of a multidisciplinary team conducting researches on several aspects of Sedimentology, Stratigraphy, and Paleontology in Ecuador, Chile, and Italy. Projects are funded with grants of the Italian Minister of University and Research (MIUR)

Jan 2002-Dec 2004 Cofin Chile (Prof. G. Cantalamessa)

Jan 2000-Dec 2002 Cofin Ecuador (Prof. G. Cantalamessa)

Jan 1998-Dec 2000 Cofin Ecuador (Prof. G. Cantalamessa)

Seminar presentations

May 16, 2005 – Bari, ITALY, Dipartimento di Geologia e Geofisica, “*Tectonic and eustatic controls on high-frequency depositional sequences: examples from Mio-Pleistocene successions of South America and central Italy*”

Reviewer

Referee for peer reviewed journals such as *Sedimentary Geology*, *PALAIOS*, *Palaeo 3*, and *SEPM Special Volumes*.

Publications

In Preparation:

- Ragaini, L., **Di Celma, C.**, Cantalamessa, G., *A new thick-shelled oyster (Crassostrea sp. nov.) from Pleistocene sediments of Pacific South America (Jama Formation, Ecuador)*
- **Di Celma, C.**, Brunt, R., Hodgson, D.M., Kavanagh, J.P., Flint, S.S., *Down-dip evolution and change in architectural style in a slope channel-levee system: Unit C of the Laingsburg Formation, Karoo basin, South Africa.*
- **Di Celma, C.**, Cantalamessa, G., Landini, W., Ragaini, L., *Stratigraphic evolution during transgression of genetically-linked shallow-marine and submarine canyon depositional systems: insights from the Lower Pliocene Sua Member, Borbón Basin, northwest Ecuador*

In Press (2008):

- Cantalamessa, G., **Di Celma, C.**, Potetti, M., Lori, P., Didaskalou, P., Albanelli, A., Napoleone, G., *Climatic control on the sequence stratigraphy of late Pliocene deepwater gravity-driven strata (Periadriatic Basin, central Italy): correlations to the deep sea isotope record*. External Controls on Deep Water Depositional Systems: Climate, Sea-level, and Sediment Flux. GSL/SEPM Joint Publication

Published Papers:

2008

- Ragaini, L., **Di Celma, C.**, Cantalamessa, G., *Warm-water mollusc assemblages from Pliocene of northern Chile: A new evidence of permanent El Niño-like conditions during the Pliocene warmth?* Journal of the Geological Society, London, 165, 1075–1084.

2007

- Cantalamessa, G., **Di Celma, C.**, Ragaini, L., Valleri, G., Landini, W., *Sedimentology and high resolution sequence stratigraphy of the late Middle to Late Miocene Angostura Formation (western Borbón Basin, north-western Ecuador)*. Journal of the Geological Society, London, 164, 653-665. **I.F.:** 2.304
- **Di Celma, C.**, Cantalamessa, G., *Sedimentology and high-frequency sequence stratigraphy of a forearc extensional basin: the Miocene Caleta Herradura Formation, Mejillones Peninsula, northern Chile*. Sedimentary Geology, 198, 29-52. **I.F.:** 1.757

2006

- Ragaini, L., Cantalamessa, G., **Di Celma, C.**, Didaskalou, P., Impiccini, R., Potetti, M., Lori, P., Ragazzini, S., *Emilian record of the “northern guest” Portlandia impressa (Perri, 1970) from Montefiore dell’Aso (Marche, Italy)*. Bollettino della Società Italiana di Paleontologia, 45, 227-234.
- Bianucci, G., **Di Celma, C.**, Landini, W., Buckeridge, J., *Palaeoecology and taphonomy of an extraordinary whale barnacle accumulation from the Plio-Pleistocene of Ecuador*. Palaeogeography, Palaeoclimatology, Palaeoecology, 242, 326-342. **I.F.:** 1.822
- Cantalamessa, G., **Di Celma, C.**, Ragaini, L., *Tectonic control on sequence stacking pattern and along-strike architecture in the Pleistocene Mejillones Formation, northern Chile: implications for sequence stratigraphic models*. Sedimentary Geology, 183, 125-144. **I.F.:** 1.313

2005

- **Di Celma, C.**, Ragaini, L., Cantalamessa, G., Landini, W., *Basin physiography and tectonic influence on sequence architecture and stacking pattern: Pleistocene succession of the Canoa Basin (central Ecuador)*. Geological Society of America Bulletin, 117, 1226-1241. **I.F.:** 2.56
- Cantalamessa, G., **Di Celma, C.**, Ragaini, L., Valleri, G., Landini, W., *Geologic map of the Neogene sediments of Mejillones Peninsula (northern Chile)*. Geologic Mapping Program Direction and Coordination by Cantalamessa G. and Di Celma C.
- Cantalamessa, G., **Di Celma, C.**, *Sedimentary features of tsunami backwash deposits in a shallow marine Miocene setting, Mejillones Peninsula, northern Chile*. Sedimentary Geology, 178, 259-273. **I.F.:** 1.604
- Cantalamessa, G., **Di Celma, C.**, Ragaini, L., *Sequence stratigraphy of the Punta Ballena Member of the Jama Formation (Early Pleistocene, Ecuador): insights from integrated sedimentologic, taphonomic and paleoecologic analysis of molluscan shell concentrations*. Palaeogeography, Palaeoclimatology, Palaeoecology, 216, 1-25. **I.F.:** 1.899

2004

- Cantalamessa, G., **Di Celma, C.**, *Sequence response to syndepositional regional uplift: insights from high-resolution sequence stratigraphy of late Early Pleistocene strata, Periadriatic Basin, central Italy*. Sedimentary Geology, 164, 283-309. **I.F.:** 1.342
- Cantalamessa, G., **Di Celma, C.**, *Origin and chronology of Pleistocene marine terraces of the Isla de la Plata and of flat, gently dipping surfaces of the southern coast of Cabo San Lorenzo (Manabì, Ecuador)*. Journal of South American Earth Sciences, 16.8., 633-648. **I.F.:** 1.299

2003

- Ferretti, M., **Di Celma, C.**, Lori, P., *Occurrence of Mammuthus meridionalis (Proboscidea, Elephantidae) in the Early Pleistocene deposits of Ripatransone (Periadriatic Basin, Ascoli Piceno, Italy): Stratigraphic contest and biochronologic implication*. Studi Geologici Camerti, Vol. I, 37-44.
- Aringoli, A., Bisci, C., Cantalamessa, G., **Di Celma, C.**, Farabollini, P., Fazzini, M., Gentili, B., Materazzi, M., Pambianchi, G., *Recent variations of italian central adriatic coastline*. Proceeding of workshop on "Geomorphological Sensitivity and Systems Response", 13-20. Camerino, 4-9 luglio

2002

- Landini, W., Bianucci, G., Carnevale, G., Ragaini, L., Sorbini, C., Valleri, G., Bisconti, M., Cantalamessa, G., **Di Celma, C.**, *Late Pliocene fossils of Ecuador and evolution of the Panamic bioprovince after closure of Central American Isthmus*. Canadian Journal of Earth Sciences, 39, 27-41. **I.F.:** 1,397
- **Di Celma, C.**, Cantalamessa, G., Ragaini, L., Curzio, P., *Shell concentrations as tools in characterizing sedimentary dynamics at sequence-bounding unconformities: examples from the lower unit of the Canoa Formation (Late Pliocene, Ecuador)*. Geobios, 35, 72-85. **I.F.:** 0,410

2001

- Cantalamessa, G., **Di Celma, C.**, Bianucci, G., Carnevale, G., Coltorti, M., Delfino, M., Ficarelli, G., Moreno Espinoza, M., Naldini, D., Pieruccini, P., Rook, L., Rossi, M., Tito, G., Torre, D., Valleri, G., Landini, W., *A new vertebrate fossiliferous site from late Quaternary of San Josè (Manta, north coast of Ecuador)*. Preliminary note. Journal of South American Earth Sciences, 14, 331-334. **I.F.:** 0,681

1999

- Cantalamessa, G., **Di Celma, C.**, *The Plio-Pleistocene Periadriatic Basin*. In: Large-scale vertical movements and related gravitational processes. International Workshop. Field Trip Guidebook, Eds. by D'Agostino N. & Miccadei E., Rome-Camerino, June 21-26, 66-82.
- **Di Celma, C.**, Farabollini, P., Moscatelli, U., *Landscape, settlement and roman cadastres in the lower Sangro valley (Italy)*. Proc. Geoarchaeology of the Landscape of classical antiquity, International Colloquium Gent, 23-24 October 1998.

1997

- Cantalamessa, G., **Di Celma, C.**, 1997. *I depositi pliocenici dell'Unità di Ariano (Monti della Baronìa, Appennino meridionale)*. Studi Geologici Camerti, XIV, 89-101.
- Cantalamessa, G., **Di Celma, C.**, Guerrieri, P.A., Mazza, D., Piccini, M., Piccinini, D., Pierantoni, P.P., Vitali, G., *Geological map of Monti della Baronìa (Av)*. Studi Geologici Camerti, XIV.

Congress Abstracts

2008

- Brunt, R.L., **Di Celma, C.N.**, Hodgson, D., Flint, S.S., - *Interaction of density currents, depositional topography and submarine slope progradation: Unit C, Laingsburg Depocentre, Karoo Basin, South Africa*. AAPG International Meeting, Cape Town (South Africa), October 26-29. [ORAL]
- **Di Celma, C.**, Brunt, R., Hodgson, D.M., Kavanagh, J.P., Flint, S.S., - *Down-dip evolution and change in architectural style in a slope channel-levee system: Unit D of the Laingsburg Formation, Karoo basin, South Africa*. AAPG International Meeting, Cape Town (South Africa), October 26-29. [ORAL]
- **Di Celma, C.**, Brunt, R., Hodgson, D.M., Kavanagh, J.P., Flint, S.S., - *Architecture and depositional evolution of a Permian slope channel-levee system: Unit D of the Laingsburg Formation, Karoo basin, South Africa*. Atti del Convegno GeoSed, 50, Bari (Italy), September 23-27. [ORAL]
- Cantalamessa, G., **Di Celma, C.**, Didaskalou, P., Lori, P., Napoleone, G., Potetti, M., - *Facies and internal architecture of coarse-grained, submarine-slope canyon fills, Pliocene Periadriatic basin, central Italy*. Atti del Convegno GeoSed, 26, Bari (Italy), September 23-27. [POSTER]
- Ragaini, L., Antonelli, S., **Di Celma, C.**, - Taphonomy, shell microstructure and functional morphology in a new ostreid (crassostrea Sp. Nov.) from the Pleistocene of Ecuador. Riassunti delle VIII Giornate di Paleontologia, 56-58, Siena (Italy), September 9-11

2007

- **Di Celma, C.**, Brunt, R.L., Hodgson, D.M., Kavanagh, J.P., McAllister, L., Flint, S.S., - *Down-dip architectural changes in a deepwater slope channel-levee system: Unit D of the Laingsburg Formation, Karoo basin, South Africa*. BSRG, 33, Birmingham (UK), December 16-18. [ORAL]
- Brunt, R.L., Hodgson, D.M., **Di Celma, C.**, Flint, S.S., - *Channel to lobes: turbidite architecture in a progradational deep-water system*. BSRG, 22, Birmingham (UK), December 16-18.
- Cantalamessa, G., **Di Celma, C.**, Landini, W., Ragaini, L., Valleri, G., - *Sequence stratigraphy of the Angostura Formation (Ecuador) and Caleta Herradura Formation (Northern Chile): evidence for Miocene orbitally-driven eustatic sea-level changes*. FIST – GEOITALIA 2007, Sesto Forum Italiano di Scienze della Terra, 398, Rimini (Italy), September 12-14. [POSTER]
- **Di Celma, C.**, Cantalamessa, G., Ragaini, L., - *Short- and long-term tectonic control on internal architecture and stacking pattern of Pleistocene depositional sequences (Mejillones Formation, northern Chile)*. FIST – GEOITALIA 2007, Sesto Forum Italiano di Scienze della Terra, 400, Rimini (Italia), September 12-14. [POSTER]
- Ragaini, L., **Di Celma, C.**, Cantalamessa, G., - *First record of a warm-water Pliocene shell bed from northern Chile*. In: E. Díaz-Martínez, I. Rábano (Eds.), 4th European Meeting on the Palaeontology and Stratigraphy of Latin America, Cuadernos del Museo Geominero, n° 8, 327-332, Madrid (Spain), September 12-15. [POSTER]
- **Di Celma, C.**, Hodgson, D.M., Brunt, R.L., Kavanagh, J.P., Haigh, C.J., Pringle, J.K., Flint, S.S., - *Architectural hierarchy of two juxtaposed slope channel complex sets in the Laingsburg depocenter, Karoo Basin, South Africa*. AAPG Annual Convention & Exhibition, 36, Long Beach (USA), April 1-4. [POSTER]
- **Di Celma, C.**, Cantalamessa, G., Landini, W., Ragaini, L., Valleri, G., - *Sequence stratigraphy of the Angostura Formation (Ecuador) and Caleta Herradura Formation (northern Chile): evidence for middle to late Miocene orbitally paced eustatic sea-level*

changes. AAPG Annual Convention & Exhibition (SEPM Student Awards Poster Session), 36, Long Beach (USA), April 1-4. [POSTER]

- Hodgson, D.M., Brunt, R.L., **Di Celma, C.**, Flint, S.S., Kavanagh J.P., - *Cannibalisation of a submarine channel-levee system by an entrenched submarine channel system in the Laingsburg Depocentre, Karoo Basin, South Africa*. AAPG Annual Convention & Exhibition, 64, Long Beach (USA), April 1-4. [ORAL]
- Brunt, R.L., **Di Celma, C.**, Pringle, J.K., Hodgson, D.M., Kavanagh, J.P., Flint, S.S., - *Quantitative field data capture techniques for submarine slope channel complexes: no single solution*. From Outcrop to Asset: Recent Advances in Digital Outcrop Data Collection and Modelling Techniques, 8, Manchester (UK), January 10-11.

2006

- **Di Celma, C.**, Cantalamessa, G., Landini, W., Ragaini, L., Valleri, G., - *Sequence stratigraphy of the Angostura Formation (Ecuador) and Caleta Herradura Formation (northern Chile): evidence for climatic control on deposition of middle to late Miocene shallow-marine strata*. BSRG, 37, Aberdeen (UK), December 17-19. [POSTER]
- **Di Celma, C.**, Brunt, R., Hodgson, D.M., Flint, S.S., - *The transition from submarine channel-levee complex to proximal lobe deposits: an outcrop perspective from the Laingsburg depocentre, South Africa*. BSRG, 36, Aberdeen (UK), December 17-19. [ORAL]
- Hodgson, D.M., Brunt, R.L., **Di Celma, C.**, Kavanagh, J.P., Flint, S.S - *Anatomy of two erosionally-juxtaposed sand-rich submarine slope channel-levee complex sets in the Laingsburg depocentre, South Africa*. BSRG, 52, Aberdeen (UK), December 17-19.
- Ragaini, L., **Di Celma, C.**, Cantalamessa, G., - *Anomalous tropical mollusks from Pliocene sediments of northern Chile*. Riassunti delle Giornate di Paleontologia, 72. Trieste (Italy), June 8-11. [POSTER]
- Albianelli, A., Cantalamessa, G., **Di Celma, C.**, Didaskalou, P., Lori, P., Napoleone, G., Potetti, M., - *Climate control on the Pliocene deepwater deposits of the Periadriatic basin, central Italy*. A joint Geological Society of London and SEPM Conference on: External Controls on Deep Water Depositional Systems: Climate, Sea-level, and Sediment Flux, 89-90. London (UK), March 27-29. [POSTER]
- **Di Celma, C.**, Cantalamessa, G., Ragaini, L., Valleri, G., Landini, W., - *The Miocene collision of the Panama arc with northwestern South America: stratigraphic evidence from the Borbón basin, northern Ecuador*. "Backbone of the Americas-Patagonia to Alaska", Geological Society of America Specialty Meetings Abstract with Programs 5-28, 62-63. Mendoza (Argentina), April 3-7. [POSTER]
- Cantalamessa, G., **Di Celma, C.**, Ragaini, L., Valleri, G., Landini, W., - *The Neogene stratigraphic and paleogeographic evolution of the Mejillones Peninsula (northern Chile) and its relationship with long-term, subduction-related extensional tectonics*. "Backbone of the Americas-Patagonia to Alaska", Geological Society of America Specialty Meetings Abstract with Programs 5-32, 64. Mendoza (Argentina), April 3-7. [POSTER]

2005

- **Di Celma, C.**, Cantalamessa, G., - *Syn-depositional tectonic controls on the internal architecture of a mid-Pleistocene depositional sequence (Mejillones Formation, northern Chile)*. 6th International Symposium on Andean Geodynamics, 222-225. Barcelona (Spain), September 12-14. [POSTER]
- Cantalamessa, G., **Di Celma, C.**, Ragaini, L., Valleri, G., Landini, W., - *Neogene stratigraphic architecture and tectonic evolution of the Mejillones Peninsula (northern*

Chile) based on a new 1:50,000 geological map. 6th International Symposium on Andean Geodynamics, 142-145. Barcelona (Spain), September 12-14. [POSTER]

- Ragaini, L., **Di Celma, C.**, Cantalamessa, G., Landini, W., - *Long-term tectonic influence on sequence architecture and stacking pattern revealed by hiatal shell bed features: Pleistocene succession of the Canoa Basin (central Ecuador).* 6th International Symposium on Andean Geodynamics, 588-591. Barcelona (Spain), September 12-14. [POSTER]

2004

- Cantalamessa, G., **Di Celma, C.**, Didaskalou, P., Lori, P., Napoleone, G., Potetti, M., - *Gravity-driven deposition in the late Pliocene of the Periadriatic basin near Offida (Ascoli Piceno, central Italy): facies analysis, chronostratigraphic framework, and provenance of detrital material.* Atti del Secondo Convegno GeoSed, 47-49. Rome (Italy), September 22-28. [POSTER]
- Cantalamessa, G., **Di Celma, C.**, Ragaini, L., Valleri, G., Landini, W., - *Pleistocene vertical movements in the Mejillones Peninsula (northern Chile) and mollusc content of marine terraces.* Atti del Secondo Convegno GeoSed, 42-46. Rome (Italy), September 22-28. [POSTER]
- Ragaini, L., Cantalamessa, G., **Di Celma, C.**, - *First fossil record of large oysters (Crassostrea sp. nov.) from Pleistocene sediments of Pacific South America (Jama Formation, Ecuador).* Riassunti del IV Giornate di Paleontologia, 50. Bolzano (Italy), May 21-23. [POSTER]
- Cantalamessa, G., **Di Celma, C.**, Didaskalou, P., Impiccini, R., Potetti, M., Lori, P., Ragaini, L., Ragazzini, S., - *Stratigrafia dei sedimenti pleistocenici delle Marche meridionali.* AIQUA, La Geologia del Quaternario in Italia: Temi Emergenti e Zone d'Ombra, Rome (Italy), February 16-18. [ORAL]

2003

- Aringoli, A., Bisci, C., Cantalamessa, G., **Di Celma, C.**, Farabollini, P., Fazzini, M., Gentili, B., Materazzi, M., Pambianchi, G., - *Guide to the excursion in the Marche region.* Proceeding of workshop on "Geomorphological Sensitivity and Systems Response", 133-142. Camerino (Italy), July 4-9.
- Cantalamessa, G., **Di Celma, C.**, Lori, P., Landini, W., Ragaini, L., Valleri, G., - *Extensional fault dynamics and sedimentation: preliminary results from the Miocene deposits of the Caleta Herradura half-graben (northern Chile).* Atti del Primo Convegno GeoSed, 247-248. Alghero (Italy), September 28-October 2. [ORAL]

2002

- Cantalamessa, G., **Di Celma, C.**, - *Sequence and facies architecture of the Pleistocene Qmb and Qmc Cycles in the Fermo sector, Periadriatic basin, southern Marche.* Abstract of IX Riunione Annuale del Gruppo Informale di Sedimentologia. 25-26. Pescara (Italy), October 21-22. [ORAL & POSTER]
- Cantalamessa, G., **Di Celma, C.**, Bianucci, G., Carnevale, G., Landini, W., Ragaini, L., Sorbini, C., Valleri, G., - *Preliminary results on the physical stratigraphy and paleontological characters of the Lower Pleistocene Jama Formation (Ecuador).* Abstract of IX Riunione Annuale del Gruppo Informale di Sedimentologia. 27-28. Pescara (Italy), October 21-22. [POSTER]

2001

- Cantalamessa, G., **Di Celma, C.**, Bianucci, G., Carnevale, G., Landini, W., Ragaini, L., Sorbini, C., Valleri, G., - *New observations on the sediments of "Jama Formation", northwestern Ecuador.* XI Congreso Latinoamericano de Geología - III Congreso Uruguayo de Geología, Montevideo (Uruguay), November 12-16. [ORAL]
- **Di Celma, C.**, Ragaini, L., Cantalamessa, G., Curzio, P., - *Shell concentrations as tools in characterizing sedimentary dynamics at sequence boundary: examples from the Late*

Pliocene Canoa Formation (Ecuador). Palaeobiogeography & Palaeoecology International Conference, 55-56. Piacenza & Castell'Arcuato (Italy), May 31 - June 2. [ORAL]

2000

- Cantalamessa, G., **Di Celma, C.**, Bianucci, G., Carnevale, G., Landini, W., Ragaini, L., & Valleri, G., - *A Plio-Pleistocene composite third order depositional sequence generated by ridge subduction along the Ecuadorian convergent margin*. Proc. 15th Australian Geological Convention, 68. Sydney (Australia), July 3-7. [POSTER]
- Cantalamessa, G., **Di Celma, C.**, Bianucci, G., Carnevale, G., Ragaini, L., Landini, W. & Valleri, G. - *Pleistocene sediments along the Central Ecuador convergent margin*. II Latin American Sedimentological Congress-VII Argentinian Meeting of Sedimentology, Mar del Plata (Argentina), March 14-17. [POSTER]
- Cantalamessa, G., **Di Celma, C.**, Didaskalou, P., Micarelli, A., Pennesi, T., Pierantoni, P.P., Potetti, M., - *Correlation elements in the Plio-Pleistocene marine succession of the Marche-Abruzzi periadriatic basin*. In: *Evoluzione Geodinamica dell'Appennino*, 62-65. Foligno (Italy), February 16-18.

1999

- Cantalamessa, G., **Di Celma, C.**, Pierantoni, P.P., - *Facies e sequenze deposizionali nei depositi terrigeni dell'Unità di Ariano*. 7° Convegno Autunnale del Gruppo Informale di Sedimentologia CNR, Rimini (Italy), October 3-6. [POSTER]
- Cantalamessa, G., **Di Celma, C.**, Bianucci, G., Landini, W., Ragaini, L., Carnevale, G., Valleri, G., - *Correlazione delle sequenze deposizionali plio-pleistoceniche del Bacino di Manabì (Ecuador)*. 7° Convegno Autunnale del Gruppo Informale di Sedimentologia CNR. Rimini (Italy), October 3-6. [POSTER]
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Work Experience

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| 2002 | Field geologist for " <i>Progetto C.A.R.G. Marche</i> ", Sheet Civitanova (new geological map of Italy, scale 1:10.000). Regione Marche & Università degli Studi di Camerino. |
| 2000/2001 | Field geologist for " <i>Cartografia Geologica e Geotematica – Lotto Sud</i> ", Sheets Fermo and Ascoli Piceno (new geological map of Italy, scale 1:10.000). AQUATER S.p.A. |
| 1996/2001 | Field geologist for " <i>Progetto C.A.R.G. Marche</i> ", Sheet Montegiorgio (new geological map of Italy, scale 1:10.000). Regione Marche & Università degli Studi di Camerino. |
| 1997/1999 | Field geologist for " <i>Progetto Carta della Natura</i> ". Università degli Studi di Camerino & Dipartimento per i Servizi Tecnici Nazionali della Presidenza del Consiglio dei Ministri. |

C.V. Di Celma

1997/1998 Field geologist for “*Research project for the geological and the environmental characterization of the Potenza River basin: natural phenomenons and geological hazard*”. Cassa di Risparmio delle Marche & Università degli Studi di Camerino.

Professional membership

1999-2007 IAS (International Association of Sedimentologists)
2005-2009 SEPM
2003-2009 GeoSed (Italian Association for Sedimentary Geology)
2006-2009 Geological Society of America
2008-2009 American Association of Petroleum Geologists (AAPG)