

PERSONAL INFORMATION

Maria Chiara INVERNIZZI

POSITION

Associate Professor in Structural Geology and Geothermics
c/o School of Science and Technology, Geology Division – Università di Camerino

WORK EXPERIENCE

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- November 2014 to now Associate Professor at University of Camerino
 - October 2011 Visiting scientist at Salta University (Argentina)
 - November 2014 Visiting scientist at Salta University (Argentina)
 - Luglio 2009 Visiting Scientist at Saragozza University, Structural Geology and Paleomag labs
 - October 2008 Visiting Scientist at Saragozza University, Structural Geology and Paleomag labs
 - February 2008 Visiting Scientist at Département des Sciences de la Terre -Université Paris XI - Paris Sud - Orsay (France)
 - June - July 2005 Invited professor at Département des Sciences de la Terre -Université Paris XI - Paris Sud - Orsay (France)
 - May 1998 -Oct. 2014 Researcher at University of Camerino
 - Dicember –Jan. 1994 Visiting scientist at Virginia Polytechnic, Fluid Inclusion Lab (USA)
 - August 1994 Visiting scientist at Virginia Polytechnic, Fluid Inclusion Lab (USA)
 - Sept.1992 - April 1998 Teacher of Geography at the High School Institute ITCG "Alfredo Morea" in Fabriano (AN)

Main activities and responsibilities

- Director of the Library and Museum System of University of Camerino March 2007-December 2017
- Responsible of Fluid Inclusion Lab of School of Science and Technology
- Delegate for university guidance for L32-34 Class
- Member of the Park's Technical Scientific Committee "Gola della Rossa-Frasassi"

EDUCATION AND TRAINING

- 1990-1992 Post-Doc fellowship for Microstructural research studies in Central Apennines at ETH in Zurich Replace with EQF (or other) level if relevant
- 1985 -1989 PhD courses and research in Earth Sciences at Perugia and Camerino Universities (PhD diploma: Rome, march 1990)
- 1980 -1984 Degree in Geological Sciences at Camerino University (110/110 cum laude)
- 1980 Maturità Classica , Liceo-Ginnasio 'Peticari' – Senigallia (AN)

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B 1	B 2	B2	B 2	C 1
Spanish	A 1	A1	A1	A1	A1

Communication skills

Good communication skills gained through my experience as Referent of the Rector of University for Communication from November 2004 to October 2011. Team-work: good experience in research projects and as Director of the University Museums

Organisational / managerial skills

Leadership: experience acquired as Director of Libraries and Museum and of Scientific Committee of the Lybraty and Museum System. Experiences in research project coordination (national and International such as Prin 2004, CUIA 2011-2016, Interreg Italia-Croazia 2018)

Computer skills

good command of Microsoft Office™ tools. Some experience with graphics software (Adobe illustrator)

Other skills

- painting
- music
- sports (running, sky, swimm)

Driving licence

- B

ADDITIONAL INFORMATION

Research Interest

Structural Geology, in particular meso and micro-structural analysis and study of fluid inclusions in minerals.
 Currently she applies her expertise to renewable energy, particularly Geothermics, with studies about the potential of geothermal reservoir and low enthalpy applications.
 Didactics in Earth Sciences: responsible for PhD projects within the UnicamEarth group

Projects

- CNR-Agenzia 2000 (codice CNRC007AA8_004, Coordinatore G. Zuffa): Carichi tettonico-sedimentari ed esumazione dell'Appennino meridionale e della Sicilia orientale attraverso studi di tracce di fissione, materia organica, mineralogia delle argille e inclusioni fluide (Research Unit Responsible)
- PRIN 2004: Metodologie integrate (maturità della materia organica, inclusioni fluide, mineralogia e geochimica delle argille, tracce di fissione ed età U-Th/He) per la ricostruzione dei carichi tettonico/sedimentari e dell'esumazione in Appennino meridionale (confine calabro-lucano) e in Sicilia orientale (catena sedimentaria a pieghe e sovrascorrimenti) (Research Unit Responsible)
- CUIA 2010-2011: Esplorazione e utilizzo di risorse geotermiche di media e bassa entalpia in area sub-andina per lo sviluppo energetico sostenibile delle città delle province di Jujuy e Salta (International project Coordinator)
- N. 12 (dodici) progetti nazionali (MIUR) o regionali nel campo della divulgazione e promozione delle Scienze dal 2007 al 2013
- CUIA 2014: Sviluppo sostenibile dei sistemi geotermici associati ai sistemi vulcanici della Puna nelle Province di Salta e Jujuy: workshop di avvio del progetto di grande rilevanza, breve stage di laboratorio, presentazione del progetto alle Giornate del CUIA 2014 (Coordinator)
- FAR – Unicam 2014-2015: progetto MATREND (MATERIALS AND TECHNOLOGIES FOR IMPROVING THE USE OF RENEWABLE ENERGY IN THE DISTRICTS OF SMART CITY); Principal Investigator.
- Interreg ITALIA – CROAZIA 2018: "COASTENERGY" (Blue Energy in ports and coastal urban areas); Local coordinator

Honours and awards

- Premio "Secondo Franchi" 2013 della Società Geologica Italiana per il lavoro 'CANTARELLI V., ALDEGA L., CORRADO S., INVERNIZZI C. & CASAS-SAINZA. Thermal history of the Aragón-Béarn basin (Late Paleozoic, western Pyrenees, Spain); insights into basin tectonic evolution.' Italian J.Geosci. Vol. 132, No. 3
- Premio al Museo delle Scienze di Unicam in occasione del XXX° Convegno Nazionale dell'ANMLI (Associazione Nazionale Musei Locali e Istituzionali), Torino, 10-11 Aprile 2014. Premiata la Mostra "Silicio Inside" come progetto museale innovativo per la sezione "Interdisciplinarietà"

Publications

Last 5 years:

2018- Verdoya M., Pacetti C., Chiozzi P., Invernizzi C. - Thermophysical parameters from laboratory measurements and in-situ tests in borehole heat exchangers. Applied Thermal Engineering, 144 (2018) 711-720.

2018 - Capitolo di libro C. Bisci, B. Gentili, A. Acciarri, G. Cantalamessa, G. Di Pancrazio, M. Fazzini, A. Fusari, M. Gentilucci, and C. Invernizzi. CLEAN AND HEALTHY – NATURAL HAZARDS AND RESOURCES in: Grigoni R.C, D'Onofrio R. Sargolini M. Eds. 2018 - Quality of Life in Urban Landscapes. In Search of a Decision Support System. The Urban Book Series – Springer

2018 . R. Civico, S. Pucci, F. Villani, L. Pizzimenti, P. M. De Martini, R. Nappi & the Open EMERGEIO Working Group (2018) Surface ruptures following the 30 October 2016 Mw 6.5 Norcia earthquake, central Italy, Journal of Maps, 14:2, 151-160, DOI: [10.1080/17445647.2018.1441756](https://doi.org/10.1080/17445647.2018.1441756)

2018 - Fabio Villani¹, Riccardo Civico¹, Stefano Pucci¹, Luca Pizzimenti¹, Rosa Nappi¹, Paolo Marco De Martini¹ and the Open EMERGEIO Working Group: Data Descriptor: A database of the coseismic effects following the 30 October 2016 Norcia earthquake in Central Italy SCIENTIFIC DATA | 5:180049 | DOI: [10.1038/sdata.2018.49](https://doi.org/10.1038/sdata.2018.49)

2018 Giacomini J., Invernizzi C., Maponi P. Verdoya M.- Testing a Model of Flow and Heat Transfer for U-shaped Geothermal Exchangers. 3rd AIGE/IIETA International Conference 2018.

2017 A.Rustichelli, A. Iannace, E. Tondi, C. Di Celma, A. Cilona, M. Giorgioni, M. Parente, M. Girundo, C. Invernizzi (2017). Fault-controlled dolomite bodies as palaeotectonic indicators and geofluid reservoirs: new insights from Gargano Promontory outcrops. SEDIMENTOLOGY, vol. 64, p. 1871-1900, ISSN: 0037-0746, doi: [10.1111/sed.12378](https://doi.org/10.1111/sed.12378)

2017 - Articolo su rivista A. M. CASAS SAINZ, T. ROMAN BERDIEL, B. OLIVA URCIA · C. GARCIA LASANTA, J. J. VILLALAIN, · L. ALDEGA, · S. CORRADO · C. CARICCHI, · C. INVERNIZZI, · M. C. OSÁCAR. Multidisciplinary approach to constrain kinematics of fault zones at shallow depths: a case study from the

ANNEXES

A complete and exhaustive Curriculum vitae of M. Chiara Invernizzi is available as PDF document at <http://docenti.unicam.it/tmp/cr400.pdf>

Camerino, 10 March 2019

M. Chiara Invernizzi