

Leonardo Casini

Curriculum vitae

Contacts:

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Personal information

Born Siena 1978, January, 07

Nationality Italian

Personal ID number: CSNLRD78A07I726U

European driving licenses A, B

Italian navigation license (motor boat, 12 miles)

Sports: alpinism, sport climbing, freediving,

Actual position: assistant professor (RTD-b),
University of Sassari

National Academic Qualification

- March 2017 – Italian qualification at Associate Professor level, SSD GEO/03 (Structural Geology)

Education

2004-2006 - PhD “Science and technology of industrial rocks and minerals”, University of Sassari. Advisor prof. Giacomo Oggiano

2003- 2004 – Master in Structural Geology, University of Siena (110/110 cum laude). Advisors prof. M. Meccheri, Dr. P. Conti

1997- 2003 – MsC in Earth Science, University of Siena (110/110 cum laude). Advisor prof. V. Pascucci

Language

Italiano, English, Français.

Memberships

- From 2016 member of the Italian Geological Society (SGI)
- From 2013 member of IAMG (International Association for Mathematical Geosciences)
- From 2006 member of GIGS (Italian Group of Structural Geology – section of the Italian Geological Society)

Informatics

- Excellent knowledge of **Matlab** programming language
- Softwares: **Word, Excel, Power Point, Matlab, FreeHand 10, Photoshop 7.0, Stereoplot, Stereonet, StereoWin, CSD corrections, Autocad 2007, Past, ImageJ**

Grants obtained

- December 2017 – MIUR found L232/2016 to support the individual activity of research.
- May 2014 – Open Call for visiting scientist, University of Sassari.
- June 2010 – June 2012: post-doc research fellowship ‘Giovani Ricercatori, RAS L7/2009’ Regione Sardegna’. Title of project ‘The Corsica-Sardinia Batholith: from the genesis of magma to emplacement of plutons’.
- February 2009 - May 2010. Post-doc research fellowship in structural geology (SSD GEO/03). Title of project ‘relationships between late-Variscan shear zones, HT metamorphism, anatexis and emplacement of synkinematic plutons’.
- March 2007- January 2009. Post-doc research fellowship in structural geology (SSD GEO/03). Title of project ‘deformation mechanism within late-Variscan ductile shear zones’
- March 2004 – November 2006. Fully-funded PhD in Earth Sciences, University of Sassari. Title of the project “Structural study of the Ozieri metamorphic complex (central northern Sardinia): dimension stones and geo-resources”.

Teaching experience

- December 2017 – Scuola di Alta Formazione Dottorale, Università di Pavia. Short course entitled ‘Numerical modelling of orogenic processes’ within the class of ‘Computational Mechanics for Scientific Problems’ organized by M. Alvaro and A. Reali.
- 2017-2019 – Class of Geodynamic Numerical Modelling, University of Sassari (Master degree in Environmental Sciences, 8 C.F.U.)
- 2017-2018 - PhD School of Earth and Environmental Sciences, Università di Pavia - Reviewer Panel.
- 2017/2018 – participation to the scientific board of the PhD school ‘Architecture, design and environmental planning’ of the Università di Sassari
- 2010/2019 – class of ‘Geological Mapping’, University of Sassari (Master degree in Environmental Sciences, 6 C.F.U.)
- 2014/2017 – class of ‘Geoinformatics’, University of Sassari (Master degree in Environmental Sciences, 6 C.F.U.)
- 2015 - invited lecture at the University of Cagliari (PhD school in Earth Science): ‘I plutoni granitici: verità, leggende e problemi aperti’.
- 2014 – class of ‘Geological Mapping’, University of Sassari (Master degree in Environmental Sciences, 6 C.F.U.)
- 2014 – invited lecture at the University of Cagliari (PhD school in Earth Science): ‘P-T-t evolution of the Corsica-Sardinia Batholith: The tectonic tale’.
- 2013 – class of ‘Regional Geology’, University of Sassari (Master degree in Environmental Sciences, 3 C.F.U.)
- December 2012 – today. Supervisor/advisor of several under graduate/graduate students.
- 2010 – two invited lectures at the University of Cagliari: ‘Theory and applicability of paleopiezometric equations’ and ‘Deformation in the Variscan chain of Sardinia: limits imposed by paleostresses and strain-rates’
- October 2004-today – several lectures (geology, structural geology) and teaching support during field trips organized at the University of Sassari.

Research interests

- Neo-tectonics of W Mediterranean
- Elasto-visco-plastic shear heating;
- Numerical modelling
- Microphysics of shear zones

Meetings

- 2019 – co-organizer of the thematic session P22. ‘The interplay between magmatic systems and tectonic processes: insights from multidisciplinary approaches’, joint SGI-SIMP congress ‘**Geosciences: a tool in a changing world**’, Parma September 2017.

- 2017 – co-organizer of the thematic session P21. Geochronology and geochemistry of accessory minerals: timing of petrogenetic processes and deformation at the joint SGI-SIMP congress ‘**Geosciences: a tool in a changing world**’, Pisa 3-6 September 2017.
- 2012 – co-organizer of the joint meeting of Geological Society of Italy and Geological Society of France ‘**Length scales, time scales and relative contribution of Variscan orogenic events to formation of European crust**’, Sassari 22-23 May 2012.
- 2011 – Co-organizer of the post-conference field trip of the Annual meeting of the Italian Group of Structural Geology (**GIGS 2011**, Cagliari)
- 2008 – Co-organizer of the field trip of the 84^o Meeting of the geological Society of Italy (**SGI 2008**, Sassari).

Editorial activity

- 2018 – Referee for the journal TERRA NOVA (2)
- 2017 - Referee for the journal ‘Atti Società Toscana di Scienze Naturali’ (1)
- 2016 – Referee for the journals EARTH SCIENCE REVIEW (2), GEOSCIENCE FRONTIERS (1)
- 2015 – Referee for the journal EARTH SCIENCE REVIEW (1)
- 2014 – Referee for the journals JOURNAL OF MAPS (1), PERIODICO DI MINERALOGIA (1)
- 2013 – Referee for the journal TECTONOPHYSICS (1).
- 2011 – Referee for the journal GEOLOGY (1).

Publications

Abstracts/short notes

1. Casini, L., Maino, M., Liesa, M. (2018) – Numerical modelling of stress amplification and seismic faulting at lower crustal conditions. GIGS annual meeting 2018, S. Giovanni Valdarno. **Poster**
2. Maino, M., Casini, L., Schenker, F., Seno, S. (2018) - Geological evidences and thermo-mechanical simulation of P-T variations in rheologically heterogeneous materials during subduction (Cima Lunga unit, Central Alps). EGU General Assembly 2018, Wien, session GD9.1/EMRP4.22/GMPV8.9/TS3.7/TS9. **Poster**
3. Casini, L., Maino, M., Liesa, M. (2017) – Numerical modelling of flash heating associated to HT-pseudotachylites outside the seismogenic zone. Annual meeting of the Italian Geological Society. Pisa, September 2017. **Talk**
4. Casini, L., Cuccuru S., Longo, V., Testone, V., Oggiano G. (2016) – High-resolution geometry of the Castellaccio Pluton by Electrical Resistivity Tomography (ERT). Annual meeting of the Italian Geological Society. Naples, September 2016. **Poster**
5. Maino M., Casini, L., Di Giulio, A., Seno, S., Setti, M., Finlay, M.S. (2016) – Quantification and modeling of shear heating as tool to reconstruct the thermo-mechanical history of a brittle-ductile fault. Annual meeting of the Italian Geological Society. Naples, September 2016. **Poster**
6. Casini, L., Maino M., Cuccuru S., Oggiano G., Secchi, G., and Rossi, Ph. (2016) – A composite strike-slip model for the Corsica-Sardinia Batholith (France-Italy). Annual meeting of the Italian Geological Society. Naples, September 2016. **Poster**
7. Casini, L., Maino M., Cuccuru S., Funedda, A., Oggiano G., Puccini, A., and Rossi, Ph. (2015) – Early Permian necking of the Corsica-Sardinia massif. The Variscan belt: correlations and plate dynamics. Special meeting of the French and Spanish geological societies, Rennes 2015. **Poster**
8. Casini, L., Maino M., Oggiano G., Cannas Aghedu L., Langone A. (2014) – High-resolution structurally-controlled ELA-ICP-MS zircon and monazite dating. Annual meeting of the Italian Geological Society. Milan, September 2014. **Talk**

9. Cuccuru S., Secchi G., Oggiano G., Puccini A., Naitza S., Casini, L. (2014) – The Monte Linas Pluton (SW Sardinia): a source of granophile element ore. Annual meeting of the Italian Geological Society. Milan, September 2014. **Talk**
10. Oggiano G., Funedda A., Casini, L. (2013) – From the geodynamics of peri-Gondwanan terranes to the Permian meso-Europe. A perspective from the Variscan segment of Sardinia. Annual meeting of the Italian Association of Structural Geology (GIGS). Milan, Ottobre 2013. **Talk**
11. Casini, L., Puccini, A., Cuccuru, S., Oggiano, G., Secchi, G. (2013) – Late-Variscan fayalite-bearing granites in Sardinia: The lower crust connection. MINERALOGICAL MAGAZINE, in press. DOI: 10.1180/minmag.2013.077.5.3.
12. Gaggero, L., Casini, L., Oggiano, G., Tiepolo, M. (2013) - U-Pb geochronology and geochemistry of the granulite amphibolite complex in the Asinara Island (Italy). MINERALOGICAL MAGAZINE, in press. DOI:10.1180/minmag.2013.077.5.7
13. Puccini, A., Xhixha, G., Cuccuru, S., Oggiano, G., Kaçeli-Xhixha, M., Mantovani, F., Casini, L. (2013) - Radiogenic heat potential of the Sardinian Variscan crust. MINERALOGICAL MAGAZINE, in press. DOI:10.1180/minmag.2013.077.5.16
14. Casini, L., Cuccuru S., Oggiano G., Puccini A. (2013) – Structural map of Variscan northern Sardinia. Annual meeting of the Italian Association of Structural Geology (GIGS). Milan, Ottobre 2013. **poster**
15. Casini, L., Edel J.-B., Maino M., Oggiano G. (2012) - Emplacement of the Barrabisa pluton (Corsica-Sardinia Batholith): What drives melting? Length scales, time scales and relative contribution of Variscan orogenic events to formation of the European crust, Sassari 22-23 Maggio 2012. **poster**
16. Cuccuru S., Casini, L., Puccini A., Secchi F., Oggiano G. (2012) - Emplacement of late Variscan granitoids and their relationships with post-collisional phases: examples from Arburese igneous complex (SW Sardinia, Italy). Length scales, time scales and relative contribution of Variscan orogenic events to formation of the European crust, Sassari 22-23 Maggio 2012. **poster**
17. Cuccuru S., Puccini A., Casini, L., Oggiano G. (2012) Portable gamma-ray spectrometer: A practical tool for real-time, field geochemical characterization of magmatic complexes. Length scales, time scales and relative contribution of Variscan orogenic events to formation of the European crust, Sassari 22-23 Maggio 2012. **poster**
18. Edel J.-B., Casini, L., Oggiano G., Rossi Ph., Schulmann K. (2012) The Late Carboniferous – Early Permian, 90° rotation of the Maures – Estérel – Corsica – Sardinia block confirmed by new paleomagnetic data. Length scales, time scales and relative contribution of Variscan orogenic events to formation of the European crust, Sassari 22-23 Maggio 2012. **talk**
19. Fazio E., Casini, L., Cirrincione R., Massonne H.-J., Pezzino A. (2012) P-T estimates for the metamorphic rocks of the Stilo Unit (Aspromonte Massif, Calabria) and correlations with analogue Sardinian Variscan crystalline complexes. Length scales, time scales and relative contribution of Variscan orogenic events to formation of the European crust, Sassari 22-23 Maggio 2012. **poster**
20. Gaggero L., Oggiano G., Casini, L. (2012) The ‘Leptyno-Amphibolite’ complex in the Asinara Island (Sardinia): insights into a long-lived peri-Gondwanan basement by U-Pb geochronology and geochemistry. Length scales, time scales and relative contribution of Variscan orogenic events to formation of the European crust, Sassari 22-23 Maggio 2012. **talk**
21. Puccini A., Casini, L., Cuccuru S., Mantovani F., Xhixha M., Oggiano G. (2012) Thermal budget of the European Variscides. Length scales, time scales and relative contribution of Variscan orogenic events to formation of the European crust, Sassari 22-23 Maggio 2012. **talk**
22. Casini, L., Oggiano, G., Puccini, A., Cuccuru, S., Maino, M., Xhixha, M. (2011). Thermal modeling of the Sardinia variscides. In: Plinius, vol.37, ISSN 1972-1366
23. Cuccuru, S., Gamboni, A., Casini, L. (2011). The Mt. Mazzolu quarry: a new mineralogical locality. In: Plinius , vol. 37, ISSN 1972-1366

24. Gaggero, L., Oggiano, G. & Casini, L. (2011) U-Pb radiometric dating of the Leptyno-Amphibolite Complex in the Asinara Island (Sardinia): unraveling a long lived Gondwanan basement . VIII forum italiano di Scienze della Terra, Torino 19-23 Settembre 2011 **poster**
25. Casini, L., Oggiano, G., Puccini, A., Maino, M., Cuccuru, S. & Xhixha, M. (2011) Thermal modeling of the Sardinia Variscides. VIII forum italiano di Scienze della Terra, Torino 19-23 Settembre 2011 **poster**
26. Oggiano, G., Casini, L., Maino, M. & Gaggero, L. (2011) Early Permian Late Carboniferous Volcano-sedimentary Succession thermometamorphosed by composite Gabbro-Granodioritic Permian pluton: Lu Falzu Basin (North Sardinia). VIII forum italiano di Scienze della Terra, Torino 19-23 Settembre 2011 **talk**
27. Casini, L., Cuccuru, S., Oggiano, G., Puccini, A., & Xhixha, M. (2011) 1D thermal modeling of the Corsica-Sardinia Batholith. Riunione annuale del Gruppo Italiano di Geologia Strutturale, Cagliari, 13-16 Giugno 2011. **talk**
28. Casini, L., Puccini, A. & Funedda, A. (2011) Pressure solution in the Baccu Locci shear zone – rheological consequences. Riunione annuale del Gruppo Italiano di Geologia Strutturale, Cagliari, 13-16 Giugno 2011. **talk**
29. Casini, L., Cuccuru, S., Maino, M. & Oggiano, G. (2010) Exhumation rates in the Sardinian Variscides from granite thermobarometry. 85° congresso SGI 2010, 6-8 settembre, Pisa **talk**
30. Casini, L., Funedda, A. & Oggiano, G. (2009) Mica-assisted grain boundary sliding in quartz-mylonites from the South Variscan chain (Sardinia, Italy). Geoitalia 2009 - VII forum italiano di Scienze della Terra, Rimini 9-11 Settembre **poster**
31. Casini, L., Funedda, A. & Oggiano, G. (2009) Differential stress along Variscan shear zones in Sardinia, Italy. Geoitalia 2009 - VII forum italiano di Scienze della Terra, Rimini 9-11 Settembre **talk**
32. Casini, L., Cuccuru, S., Oggiano, G. & Cerchi, G. P. (2008) - Emplacement of the S. Giacomo pluton (north Sardinia, Italy) near the brittle-plastic transition: implications for the late Variscan deformation. 84° congresso della Società Geologica Italiana, Sassari, 13-15 Settembre 2008 Sassari. **talk**
33. Casini, L., Senerini, P. & Oggiano, G. (2008) – Evidence for water-assisted diffusional creep preserved in the mylonitic gneisses of Giuncana, northern Sardinia, Italy. YORSGET 2008, Oviedo **poster**
34. Cuccuru, S., Casini, L. & Oggiano, G. (2008) - The Giallo S. Giacomo granite: the interplay between quartz CPO and rock behaviour. ICDS International Congress on Dimension Stones 2008 P.219-224 **talk**
35. Casini, L., Cuccuru, S. & Oggiano, G. (2007) – Quantitative fabric analysis of transient stages of foliation development. Geoitalia 2007. Sesto forum italiano di Scienze della Terra. Epitome, **2**, p407. Rimini, 13-15 Settembre 2007. **poster**
36. Oggiano G., Casini, L., Mameli, P. & Rossi, P. (2007) – Long lived dextral strike-slip tectonics in the southern Variscan belt: evidences from two synkinematic intrusions of north Sardinia (Italy). in: Mechanics of Variscan Orogeny: a modern view on orogenic research, Geologie de la France, **2**, 2007 (Orleans). **talk**
37. Casini, L. & Oggiano, G. (2007) – Influenza delle miche sullo sviluppo del quartz-LPO in aggregati quarzo-feldspatici deformati all'interno di una zona di taglio naturale. Riunione annuale del Gruppo Italiano di Geologia Strutturale, Urbino, 12-13 Marzo 2007. **talk**
38. Oggiano G. & Casini, L. (2006) – Evidenze di una tettonica estensionale associata al rilassamento termico nella catena Varisica della Sardegna centro-occidentale (Italia). Riunione annuale del Gruppo Italiano di Geologia Strutturale, Chieti Scalo, 27-28 Febbraio 2006. **talk**
39. Oggiano G., Casini, L., Funedda A. (2005) – Late Variscan extensional deformation: evidences from asymmetric boudinage in the external Nappe domain of North Sardinia (Italy). Geoitalia 2005. Quinto forum italiano di Scienze della Terra. Spoleto, 21-23 Settembre 2005 . Epitome 1 (Abstract Vol.) p 52. **talk**

40. Casini, L. & Meccheri (2004) – Early-middle Jurassic metabreccias in the metamorphic sequence of the Apuane Unit (Northern Apennines, Italy): insights on the sedimentation-tectonics relationships. I.A.S. 2004, 23° International meeting of sedimentology – abstracts book, 82. **poster**

Articles (ISI database)

- 1- Cocco, F., Oggiano, G., Funedda, A., Loi, A., Casini, L. (2018) – Stratigraphic, magmatic and structural features of Ordovician tectonics in Sardinia: a review. JOURNAL OF IBERIAN GEOLOGY, <https://doi.org/10.1007/s41513-018-0075-1>
- 2- Cuccuru, S., Casini, L., Oggiano, G., Simula, E.N. (2018) – Structure of the Castellaccio Pluton (Asinara Island, Sardinia). JOURNAL OF MAPS, 14 (2), doi.org/10.1080/17445647.2018.1463297
- 3- Casini, L. & Maino, M. (2018) - 2D-thermo-mechanical modelling of spatial P-T variations in heterogeneous shear zones. ITALIAN JOURNAL OF GEOSCIENCES, <https://doi.org/10.3301/IJG.2018.13>
- 4- Conte, A.M., Cuccuru, S., D'Antonio, M., Naitza, S., Oggiano, G., Secchi, F., Casini, L., Cifelli, F. (2017) – The post-collisional late Variscan ferroan granites of southern Sardinia: inferences for inhomogeneity of lower crust. LITHOS, in press, <https://doi.org/10.1016/j.lithos.2017.09.028>
- 5- Xhixha-Kaçeli, M., Alberi, M., Baldoncini, M., Bezzon, G.P., Buso, G.P., Callegari, I., Casini, L., Cuccuru, S., Fiorentini, G., Guastaldi, E., Mantovani, F., Mou, L., Oggiano, G., Puccini, A., Rossi Alvarez, C., Strati, V., Xhixha, G., Zanon, A. (2016) – Uranium distribution in the Variscan basement of northeastern Sardinia. JOURNAL OF MAPS, [doi: 10.1080/17445647.2015.1115784](https://doi.org/10.1080/17445647.2015.1115784), IF 0.769
- 6- Cuccuru, S., Naitza, S., Secchi, F., Puccini, A., Casini, L., Pavanetto, P., Linnemann, U., Hofmann, M., Oggiano, G. (2016) – Structural and metallogenic map of late Variscan Arbus Pluton (SW Sardinia, Italy). JOURNAL OF MAPS, [doi: 10.1080/17445647.2015.1091750](https://doi.org/10.1080/17445647.2015.1091750), IF 0.769
- 7- Maino, M., Casini, L., Ceriani, A., Decarlis, A., Di Giulio, A., Seno, S., Setti, M., Stuart, F.M. (2015) – Dating shallow thrust with zircon (U-Th)He thermochronometry – the shear heating connection. GEOLOGY, 43, 6, 495-498. [doi:10.1130/G36492.1](https://doi.org/10.1130/G36492.1). IF 4.638
- 8- Casini, L., Cuccuru, S., Puccini, A., Oggiano, Rossi, Ph. (2015) - Evolution of the Corsica–Sardinia Batholith and late-orogenic shearing of the Variscides. TECTONOPHYSICS, 646, 65-78. [doi: https://doi.org/10.1016/j.tecto.2015.01.017](https://doi.org/10.1016/j.tecto.2015.01.017). IF 2.684
- 9- Casini, L., Cuccuru, S., Maino, M., Oggiano, G., Puccini, A., Rossi, Ph. (2015) – Structural map of Variscan northern Sardinia. JOURNAL OF MAPS, [doi:10.1080/17445647.2014.936914](https://doi.org/10.1080/17445647.2014.936914) IF 0.769
- 10- Casini, L., Funedda, A. (2014) – Potential of pressure solution for strain localization in the Bacchu Locci Shear Zone (Sardinia, Italy). JOURNAL OF STRUCTURAL GEOLOGY, 66, 188-204. [doi: 10.1016/j.jsg.2014.05.016](https://doi.org/10.1016/j.jsg.2014.05.016) IF 2.285
- 11- Puccini, A., Xhixha, G., Cuccuru, S., Oggiano, G., Xhixha-Kaçeli, M., Mantovani, F., Rossi Alvarez, C., Casini, L. (2014) - Radiological characterization of granitoid outcrops and dimension stones of the Variscan Corsica-Sardinia Batholith. ENVIRONMENTAL EARTH SCIENCES, 71 (1), 393-405. [Doi: 10.1007/s12665-013-2442-8](https://doi.org/10.1007/s12665-013-2442-8) IF 1.445
- 12- Edel, J. B., Casini, L., Oggiano, G., Rossi, Ph., Schulmann, K. (2013) - The Early Permian, 90° clockwise rotation of the Maures - Estérel - Corsica - Sardinia block confirmed by new palaeomagnetic data and followed by a Triassic clockwise rotation. GEOLOGICAL SOCIETY OF LONDON, SPECIAL PUBLICATIONS, 405, 333-361. [http://dx.doi.org/10.1144/SP405.10](https://doi.org/10.1144/SP405.10).
- 13- Casini, L., Puccini, A., Cuccuru, S., Maino, M., Oggiano, G. (2013) – GEOTHERM: A finite-difference code for testing metamorphic P-T-t paths and tectonic models. COMPUTERS & GEOSCIENCES, 59, 171-180. IF 1.834

- 14- Casini, L., Cuccuru, S., Maino, M., Oggiano, G. Tiepolo, M., (2012) - Emplacement of the Arzachena Pluton (Corsica-Sardinia Batholith) and the geodynamics of incoming Pangaea. *TECTONOPHYSICS*, 544-545, 31-49. doi: 10.1016/j.tecto.2012.03.028 IF 2.684
- 15- Cuccuru, S., Casini, L., Oggiano, G. & Cherchi, G. P., (2012) – Can weathering improve the toughness of a fractured rock? A case study using the S. Giacomo granite. *BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT*, 71, 557-567. Doi: 10.1007/s10064-012-0416-9 IF 0.617
- 16- Casini, L. (2012) – A Matlab-derived software(geothermMOD1.2) for one-dimensional thermal modeling, and its application to the Corsica-Sardinia batholith. *COMPUTERS & GEOSCIENCES*, 45, 82-86. Doi: 10.1016/j.cageo.2011.10.020. IF 1.834
- 17- Casini, L., Funedda, A. & Oggiano, G. (2010) – A balanced foreland-hinterland deformation model for the Variscan chain of Sardinia, Italy. *GEOLOGICAL JOURNAL*, 45, 634-649. IF 1.659
- 18- Casini, L. & Oggiano, G. (2008) – Late orogenic collapse and thermal doming in the northern Gondwana margin incorporated in the Variscan Chain: a case study from the Ozieri Metamorphic Complex, northern Sardinia, Italy. *GONDWANA RESEARCH*, 13, 396-406. IF 7.396

Peer-reviewed articles

1. Pascucci, V., Andreucci, S., Sechi, D., Casini, L. (2018) – Late Quaternary stratigraphy of western Sardinia (central Mediterranean) based on luminescence age dating. *Alpine and Mediterranean Quaternary*, 31, 181-184.
2. Maino M., Casini, L., Di Giulio, A., Seno, S., Setti, M., Finlay, M.S. (2016) – Quantification and modeling of shear heating as tool to reconstruct the thermo-mechanical history of a brittle-ductile fault. Annual meeting of the Italian Geological Society. Naples, September 2016. *Rendiconti on line della Società Geologica Italiana*, 40 (2016), 150.
3. Casini, L., Cuccuru, S., Oggiano, G., Puccini, A., & Xhixha, M. (2011) 1D thermal modeling of the Corsica-Sardinia Batholith. *Rendiconti on line della Società Geologica Italiana*, 15 (2011), 25
4. Casini, L., Puccini, A. & Funedda, A. (2011) Pressure solution in the Bacchu Locci shear zone – rheological consequences. *Rendiconti on line della Società Geologica Italiana*, 15 (2011), 9-10.
5. Casini, L., Cuccuru, S., Maino, M. & Oggiano, G. (2010) Exhumation rates in the Sardinian Variscides from granite thermobarometry. *Rend. Soc. Geol. It.*, 11, 405-406.
6. Casini, L., Senserini, P. & Oggiano, G. (2009) – Evidence for water-assisted diffusional creep preserved in the mylonitic gneisses of Giuncana, northern Sardinia, Italy. *Trabajos de Geologia, Universidad de Oviedo*, 29, 173:179.
7. Casini, L., Cuccuru, S., Oggiano, G. & Cerchi, G. P. (2008) - Emplacement of the S. Giacomo pluton (north Sardinia, Italy) near the brittle-plastic transition: implications for the late Variscan deformation. *Rend. Soc. Geol. It.*, 3, 186-187.
8. Cuccuru, S., Casini, L. & Oggiano G. (2008) – The Giallo S. Giacomo granite: the interplay between quartz CPO and rock behaviour. *ICDS proceedings*.
9. Casini, L. & Oggiano, G. (2007) – Influenza delle miche sullo sviluppo del quartz-LPO in aggregati quarzo-feldspatici deformati all'interno di una zona di taglio naturale. *Rendiconti della Società Geologica Italiana*, 4 (2007), 191-194.
10. Oggiano G. & Casini, L. (2006) – Evidenze di una tettonica estensionale associata al rilassamento termico nella catena Varisica della Sardegna centro-occidentale (Italia). *Rendiconti della Società Geologica Italiana*, 4 (2006), 161-164.

Geological maps

1. Carmignani, L., Casini, L., Conti, P., Giglia, G., Meccheri, M., Molli, G., Vaselli, L., Zazzeri, M. (2006) - Foglio 249 Massa-Carrara Sezione 249120. Servizio Geologico Regione Toscana.
2. Carmignani, L., Bonciani, F., Callegari, I., Casini, L., Conti, P., Cornamusini, G., Kligfield, R., Meccheri, M., Notini, P., Vaselli, L. (2006) - Foglio 249 Massa-Carrara Sezione 249080. Servizio Geologico Regione Toscana.

Sassari, 20 March, 2019

Dr. Leonardo Casini