

# Curriculum Vitae – Luís Lopes

## 1 – Personal Data

Joaquim Luís Galego Lopes

Universidade de Évora, ECT, Departamento de Geociências,

Rua Romão Ramalho, 59, 7002 – 554 Évora,

Email: lopes@uevora.pt

Orcid: <http://orcid.org/0000-0002-6141-8908>

ResearcherID: <http://orcid.org/0000-0002-6141-8908>

Research Gate: [https://www.researchgate.net/profile/Luis\\_Lopes8](https://www.researchgate.net/profile/Luis_Lopes8)

## 2 – Education

Graduation - Geology, 1988, Univ. Lisbon, Portugal; MSc - Internal Dynamic Geology, 1995, Univ. Lisbon, Portugal; PhD - Geology, 2004, Univ. Évora, Portugal

## 3 – Work Experience

1988 – Junior geologist, COGEMA – Compagnie Générale des Matières Nucléaires; 1988 – 1990 – Mandatory Military Service, EPI Mafra; 1990 to present – University of Évora, Portugal (17 disciplines in undergraduate and postgraduate courses); 2015 to present – Director of the Department of Geosciences, ECT, University of Évora, Portugal; 1995 – 2014 – Full member of Geophysics Centre of Évora (CGE/FCT); 2014 to present – Full member of Earth Sciences Institute (ICT/FCT); 2009 to present – Director of the Geological Engineering undergraduate course, University of Évora, Portugal; 2009 – 2017 – Valorpedra Association board of directors (Natural Stone Cluster, Portugal); Since 2017 – Portugal Mineral Resources Cluster Association executive director; 2007 to present – Vice-director of Geological Engineering Master degree course, University of Évora, Portugal;

## 4 – Scientific Curriculum

Over 130 publications (articles and proceedings); 17 MSc Thesis supervised; 34 participations in PhD and MSc Thesis scoreboard jury's; 1 book published; 25 revisions of manuscripts; 32 lectures as guest speaker.

## 5 – Ongoing Projects

- 1) E-TECHSTONE 4.0 – Desenvolvimento de soluções tecnológicas de evolução da extração de Pedra Natural para a Indústria 4.0. Projecto nº 017882 33/SI/2015. – I&DT Empresarial, Portugal 2020/FEDER. Copromotor – FRAVIZEL - EQUIPAMENTOS METALOMECÂNICOS, S.A.
- 2) BRO-CQ – Controlo de Qualidade de blocos em Rochas Ornamentais. Projecto nº 17659 – 33/SI/2015 – I&DT Empresarial, Portugal 2020. Copromotor – Metalviçosa, Fabricação de Máq. Industriais, Lda.
- 3) CALCITEC: Calcário azul e alteração cromática – inovação e tecnologia”, cofinanciado pelo Fundo Europeu de Desenvolvimento Regional (FEDER) através do COMPETE – Programa Operacional Fatores de Competitividade (POFC). Projeto 3457 - 08/SI/2015;
- 4) COLOURSTONE: Colour of commercial marbles and limestone: causes and changings; Projeto ALT20-03-0145-FEDER-000017;

- 5) FLEXSTONE – Novas Tecnologias para a Competitividade da Pedra Natural. Concurso nº 09/SI/2015 – POCI-01-0247-FEDER-006375;
- 6) Anisotropia microtextural (nanotextural) de mármore e granitos: Implicações na deterioração da pedra utilizada na construção. Fundação das Universidades – Programa de Ações Integradas Luso-Alemãs referência A50/16.

## 6 – PUBLICATIONS

Lopes, L. & Martins, R. 2014. Global Heritage Stone: Estremoz Marbles, Portugal. From: Pereira, D., Marker, B. R., Kramar, S., Cooper, B. J. & Schouenborg, B. E. (eds) Global Heritage Stone: Towards International Recognition of Building and Ornamental Stones. Geological Society, London, Special Publications, 407, <http://dx.doi.org/10.1144/SP407.10>.

Sant’Ovaia, H., Nogueira, p., Lopes, J., Gomes, C., Ribeiro, M., Martins, H., Dória, A., Cruz, C., Lopes, L., Sardinha, R., Rocha, A. and Noronha, F. (2015). Building up of a nested granite intrusion: Magnetic fabric, gravity modelling and fluid inclusion planes studies in Santa Eulália Plutonic Complex (Ossa Morena Zone, Portugal). Geological Magazine, 152(4), 648-667. <http://dx.doi.org/10.1017/S0016756814000569>

M. Chichorro, A. R. Solá, M. F. Pereira, M. Hofmann, U. Linneniann, A. Gerdes, J. Medina, L. Lopes and J. B. Silva. 2014. Provenance Analysis of the Late Ediacaran Basins from Southwestern Iberia (Série Negra Succession and Beiras Group): Evidence for a Common Neoproterozoic Evolution. R. Rocha et al. (eds.), STRATI 2013, Springer Geology. [http://dx.doi.org/10.1007/978-3-319-04364-7\\_134](http://dx.doi.org/10.1007/978-3-319-04364-7_134).

A. R. Solá, M. Chichorro, M. F. Pereira, M. Hofmann, U. Linnemann, A. Gerdes, J. Medina, L. Lopes and J. B. Silva. 2014. Provenance of Cambrian-Ordovician Siliciclastic Rocks of Southwestern Iberia: Insights into the Evolution of the North Gondwana Margin. R. Rocha et al. (eds.), STRATI 2013, Springer Geology, [http://dx.doi.org/10.1007/978-3-319-04364-7\\_142](http://dx.doi.org/10.1007/978-3-319-04364-7_142).

Luís Guerra Rosa, Zenaide Carvalho G. Silva and Luís Lopes, Editors. Global Stone Congress ISBN-13: 978-3-03785-653-6. Key Engineering Materials Vol. 548, Electronically available at <http://www.scientific.net>.

Devi Taelman, Marlina Elburg, Ingrid Smet, Paul De Paepe, Luís Lopes, Frank Vanhaecke, Frank Vermeulen. 2013. Roman Marble from Lusitania: Petrographic and Geochemical Characterization, Journal of Archaeological Science, ISSN 0305-4403, <http://dx.doi.org/10.1016/j.jas.2012.12.030>.

Lopes, L.; Martins, R.; Falé, P.; Passos, J.; Bilou, F.; Branco, M. & Pereira, M. F. 2013. Development of a Tourist Route around the Mining Heritage of the Estremoz Anticline, p16. In Rosa, L.; Silva, Z. & Lopes, L., eds, Proceedings of the Global Stone Congress, Key Engineering Materials Vol. 548 (2013) pp 348-362; © (2013) Trans Tech Publications, Switzerland; doi:10.4028/www.scientific.net/KEM.548.348.

Martins, R.; Lopes, L.; Gomes, C.; Arroz, M.; Santos, D.; Rosado, F. & Cunha, A. 2013. Application in Pottery of the Residual Soils Associated to Marbles from the Estremoz Anticlinal Region, In Rosa, L.; Silva, Z. & Lopes, L. eds. Proceedings of the Global Stone Congress, KEM Vol. 548 (2013) pp 147-156, © (2013) Trans Tech Publications, Switzerland; doi:10.4028/www.scientific.net/KEM.548.147.

Amaral, P.; Correia, A.; Lopes, L.; Rebola, P.; Pinho, A. & Lopes, J. C. 2013. On the Use of Thermal Properties for Characterizing Dimension Stones, p8, In Rosa, L.; Silva, Z. & Lopes, L. eds. Proceedings of the Global Stone Congress, Key Engineering Materials Vol. 548 (2013) pp 231-238; © (2013) Trans Tech Publications, Switzerland; doi:10.4028/www.scientific.net/KEM.548.231.

Pereira, M.F., Solá, A.R., Chichorro, M., Lopes, L., Gerdes, A., Silva, J.B. 2012. North-Gondwana assembly, break up and paleogeography: U–Pb isotope evidence from detrital and igneous zircons of Ediacaran and Cambrian rocks of SW Iberia, Gondwana Research (2012), <http://dx.doi.org/10.1016/j.gr.2012.02.010>.

Brilha J., Andrade C., Azerêdo A., Barriga F.J.A.S., Cachão m., Couto H., Cunha P.P., Crispim J.A., Dantas P., Duarte L.V., Freitas M.C., Granja M.H., Henriques M.H., Henriques P., Lopes L., Madeira J., Matos J.M.X., Noronha F., Pais J., Piçarra J., Ramalho M.M., Relvas J.M.R.S., Ribeiro A., Santos A., Santos V., Terrinha, P. 2005. Definition of the Portuguese frameworks with international relevance as an input for the European geological heritage characterisation. Episodes. Vol. 28, No 3, 177-186.