CURRICULUM VITAE
ELENI GEROLYMATOU

PERSONAL INFORMATION

Family name, First name: Gerolymatou, Eleni
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Scopus Author ID: 14422259100
ResearcherID: D-2427-2010
Orchid ID: 0000-0003-1279-6870
Date and place of birth: 19. August 1981, Berlin,Germany
Nationality: Greek

EDUCATION

2017	Habilitation in Rock Mechanics Faculty of Civil Engineering, Geo and Environmental Sciences, Karlsruhe Institute of Technology, Germany
2011	PhD in Geomechanics Sector of Mechanics, National Technical University of Athens (NTUA), Greece Supervisor: I. Vardoulakis
2006	Master in Applied Mechanics Sector of Mechanics, NTUA, Greece
2004	Diploma in Applied Mathematics and Physics School of Applied Mathematics and Physics, NTUA, Greece

CURRENT POSITION

2017 –	Associate Professor Department of Civil and Environmental Engineering, Chalmers University of Technology, Gothenburg, Sweden

PREVIOUS POSITIONS

2014 – 2017	Group leader Institute for Soil Mechanics and Rock Mechanics, Faculty of Civil Engineering, Geo and Environmental Sciences, Karlsruhe Institute of Technology, Germany
2011 – 2014	Researcher Institute for Soil Mechanics and Rock Mechanics, Faculty of Civil Engineering, Geo and Environmental Sciences, Karlsruhe Institute of Technology, Germany
2010 – 2011	Researcher Department of Structural Engineering, Politecnico di Milano, Italy
2009 – 2010	Researcher Sector of Mechanics, NTUA, Greece

RESEARCH STAYS ABROAD

02.09 – 05.09: Mechanics Department, Université Montpellier II, France
03.06 – 08.06 Department of Structural Engineering, Politecnico di Milano, Italy
10.05 – 01.06 Institute for Computational Physics (ICP), University of Stuttgart, Germany
03.05 – 05.05 Department of Structural Engineering, Politecnico di Milano, Italy

FELLOWSHIPS

2007 – 2010 Doctoral Scholarship of the Sector of Mechanics, NTUA, Greece.
2004 Theocharis Award for the best Diploma Thesis in Mechanics, NTUA, Greece.
2004 Award for third best placement in the Diploma, NTUA, Greece.

RESEARCH GRANTS (as principal investigator)

2014 Anreiz Programm of the Ministry of Science, Research and Art of Baden-Württemberg.
Upgrade of the Laboratory of Rock Mechanics
(Grant No. 4910.14/99/1, € 50,000.00)

2012 Marie Curie Intra-European Fellowship for Career Development.
Hydraulic Stimulation Modeling in Geothermal Systems
(Grant No. 299097, € 167,390.40)

SUPERVISION

2013 – 2017 2 Bachelor Theses, 1 Diploma Thesis, 4 Masters Theses
Faculty of Civil Engineering, Geo and Environmental Sciences, Karlsruhe Institute of Technology, Germany

TEACHING ACTIVITIES

2017 – Rock Engineering Topics in Infrastructure.
2013 – 2017 Introduction to Rock Mechanics, including preparation of the script.
2013 – 2017 Special Issues in Rock Mechanics (Rock Mechanics II) including preparation of the script.
2014 – 2017 Testing in Rock.
2014 – 2017 Exercises in “Aboveground Rock Engineering”, taught by Dr. Kudella.
2014 – 2016 Exercises in “Introduction in Tunnel Construction”, taught by Prof. Fröhlich.
2012 – 2013 Coupled Phenomena in Geomechanics.

ACADEMIC SERVICE

2017 – Faculty member, Department of Civil and Environmental Engineering, Chalmers University of Technology, Sweden
2014 – 2017 Member of the Master- und Diploma- Examination Committee for Civil Engineers, Faculty of Civil Engineering, Geo and Environmental Sciences, Karlsruhe Institute of Technology, Germany
2017 – Appointment committee member for Structural Engineering, Faculty of Civil

Engineering, Geo and Environmental Sciences, Karlsruhe Institute of Technology, Germany

Reviewed for International Journal for Numerical and Analytical Methods in Geomechanics, Journal of Physics D: Applied Physics, International Journal of Solids and Structures, Advances in Water Resources, Rock Mechanics and Rock Engineering, Applied Mathematical Modelling, Construction & Building Materials, Computers and Geotechnics

LANGUAGES

English, German, Italian, Greek

DOMAINS OF SPECIALIZATION

Physically based constitutive modelling with emphasis on the localization of deformation.

Experimental and constitutive aspects of induced and inherent anisotropy in rock and rock mass.

Experimental investigation of the localization of deformation in soft rock.

Experimental and constitutive investigation of the behavior of materials with discontinuities.