

Flavia DIGIACOMO



PERSONAL DATA

PLACE AND DATE OF BIRTH: Ragusa, Italy | 21 October 1990
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WORK EXPERIENCE

June - July 2015	Internship at LABORATORY OF ANALYTICAL CHEMISTRY, Department of Chemistry, University of Ferrara Laboratory experience of applied chemistry: <ul style="list-style-type: none">• Test of adsorption and desorption of REE on samples of zeolites• Batch and chromatographic analysis, collecting data by HPLC and ICP-OES
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EDUCATION

MARCH 2016	Master of Science in EARTH SCIENCE, University of Ferrara 110/110 <i>summa cum laude</i> Thesis: "Zeolites for sustainable agriculture: furfural encapsulation and controlled release in ZSM-5". Advisor: Prof. Annalisa MARTUCCI
MARCH 2013	Bachelor Degree in EARTH SCIENCE, University of Catania 110/110 Thesis: "Petrografia degli gneiss granulitici kinzigitici di S. Maria (Capo Vaticano - Calabria)". Advisor: Rosolino CIRRICIONE

SCIENTIFIC BACKGROUND

My master education program was focused on mineralogy, petrography and their applications to industry, environment and cultural heritage. For my personal study plan I have privileged courses of Applied Mineralogy, in particular Technical and Environmental Mineralogy.

From the study of microporous sustainable materials, such as zeolites, for treatment of contaminated groundwater and soil remediation, my scientific interests start to converge around environmental issues.

Fortunately my thesis work introduced me to the field of innovative and environmentally friendly porous materials, showing me their efficacy against some environmental threats.

PERSONAL SKILLS

LANGUAGES	, Mothertongue: ITALIAN Other language: ENGLISH Reading: B1 Writing: B1 Verbal skills: B1
COMPUTER SKILLS	Operating Systems: Microsoft Windows, LINUX, ubuntu, Debian, L ^A T _E X, Open Office, Microsoft Office: Word, Excel, Power Point, Access Internet Browser: Internet Explorer, Mozilla, Firefox GSAS, ATOMS, Vesta, CMPR e WINPLOTRt
EXPERIMENTAL TECHNIQUES	X-rays Powder Diffraction (XRPD), High Performance Liquid Chromatography (HPLC)
SOCIAL SKILLS	Excellent ability of communication and teamwork
ORGANIZATIONAL SKILLS	During my thesis and abroad research collaborations I worked in different scientific environments and with interdisciplinary teams, thus developing good collaborative and organizational skills.

MEETINGS AND COMMUNICATIONS

Second European Mineralogical Conference will take place in Rimini, Italy, on September 11-15, 2016: **EMC2016 European Mineralogical Conference**

Poster presentation accepted: *“Zeolites for sustainable agriculture: furfural encapsulation and controlled release in ZSM-5”*.
Digiacomio F., Braschi I., Rodeghero E., Blasioli S., Martucci A.

REFEREES

Thesis supervisor : ANNALISA MARTUCCI annalisa.martucci@unife.it
Department of Physics and Earth Sciences,
University of Ferrara
Via Saragat 1, 44122, Ferrara, Italy.

Professor of Mineralogy: GIUSEPPE CRUCIANI cru@unife.it
Department of Physics and Earth Sciences,
University of Ferrara
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INTERESTS AND ACTIVITIES

Crag's Climb, Slackline, Trekking, Puzzle, Graphic Novel, Travelling