

CURRICULUM VITAE

Associate Professor Dr. Fotini NOLI

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Nationality : Greek

Education : (degrees, dates, Universities)

-1983-1987: University of Ioannina, School of Chemistry, Greece, Diploma in Chemistry
-1990-1994: University of Thessaloniki, School of Chemistry Greece, PhD. in Chemistry
1995: Institute National Polytechnique de Toulouse, Ecole Nationale Supérieure de Chimie, Lab. des Matériaux, France, Postdoc.

Languages : English, French, German

Career / Employment (employers, positions and dates)

2017-present Associate Professor in Radiochemistry, University of Thessaloniki, School of Chemistry Greece,
2012- 2017 Assistant Professor in Radiochemistry, University of Thessaloniki, School of Chemistry Greece,
2007-2012 Lecturer in Radiochemistry, University of Thessaloniki, School of Chemistry Greece,
1989-2007 Research Fellow, University of Thessaloniki, Greece
1996-2007 Research assistant, Technical Institute of Thessaloniki, Greece
1995 Postdoc, Institute National Polytechnique de Toulouse, Ecole Nationale Supérieure de Chimie, Lab. des Matériaux, France
1992 Research Fellow, Institute for Reference Materials and Measurements (JRC-Geel, IRMM), Belgium
Summer of 1991-92-93 Research Fellow, Nuclear Physics Institute, University of Frankfurt, Germany

Scholarships

1. International Atomic Energy Agency: *Argonne National Laboratory and University of Illinois, USA, 1991.*
2. European Community: *Institute for Reference Materials and Measurements (JRC-Geel, CBNM), Belgium, 1992.*
3. French Embassy: postdoc, *Institut National Polytechnique de Toulouse, Ecole Nationale Supérieure de Chimie, Lab. des Matériaux, France, 1995.*
4. Greek Government: postdoc, Department of Chemistry AUTH 1998- 1999.

Specialization

- 1) Investigation of the sorption properties of natural and synthetic materials for the removal of radionuclides from aqueous solutions
- 2) Determination of natural radioactivity using gamma-ray spectroscopy
- 3) Uranium and Radium determination using alpha-ray spectroscopy
- 4) Studies on oxidation and corrosion of the metallic surfaces using: a) Nuclear and Atomic Techniques for Surface and Thin film Analysis and treatment and b) Potentiodynamic and Cyclovoltammetric Techniques.
- 5) Investigation of materials using nuclear reactions and neutron activation analysis

Participation in 35 research projects

e.g

Radiological survey of the facilities of the former DIANA factory, Stavroupoli, Thessaloniki.

Investigation of presence of natural radionuclides in groundwaters.

Uranium and Radium determination in waters using α -spectroscopy.

Instrumental Neutron Activation Analysis for the investigation of biocompatibility of materials for biomedical applications.

Study on the properties of the chabazite type zeolite in cementitious aqueous solutions.

ERASMUS agreements (Supervisor)

University of Cyprus

Comenius University, Bratislava

G. Asachi Technical University, Iasi – Romania

Université de Poitiers, ISAE-ENSMA, France

Ege University, Izmir, Turkey

Izmir Institute of Technology, Turkey

Rzeszow University of Technology, Rzeszow – Poland

Reviewer in the more than 20 peer review journals

e.g.

Journal of Radioanalytical and Nuclear Chemistry

Journal of Environmental Radioactivity

Radiation Physics and Chemistry

Journal of Nuclear Chemistry

Nuclear Instruments & Methods in Physics Research B

Surface and Coatings Technology

Materials Science and Engineering B

Chemosphere

Science of the Total Environment

Journal of Environmental Chemical Engineering

Environmental Technology

66 scientific publications

Ph.D. Thesis

"Study of the oxidation of metallic surfaces in corrosive environment using nuclear surface analysis techniques", Department of Chemistry, AUTH, Thessaloniki, 1994, pages 205.