

Curriculum Vitae

Dr. Deimede Chrysovalado

Lecturer

Department of Chemistry, University of Patras, GR-26504 Patras, Greece

Telephone: +302610 962958, Fax: +302610 997122

e-mail:deimede@upatras.gr

1. Education –Previous Employment/Occupation:

2012-present: **Lecturer**, *Department of Chemistry, University of Patras*

2006-2011: **Researcher**, *Advent Technologies, Patras Science Park*

2006-2007: **Adjunct Lecturer**, *Department of Chemistry, University of Patras*

2004-2006: **Post doctoral researcher**, *Department of Chemistry, University of Patras*

2005-2006: **Adjunct Lecturer**, *Department of Chemistry, University of Patras*

2004-2005: **Adjunct Lecturer**, *Department of Material Science, University of Patras*

2003-2004: **Post doctoral researcher**, *FORTH-ICE/HT (Institute of Chemical Engineering and high Temperature Chemical Processes)*

2002-2003: **Post doctoral researcher**, *Max-Planck Institute for Polymer Research (Mainz, Germany).*

2001-2002: **Post doctoral researcher**, *Department of Chemistry, University of Patras*

1998-2001: **Ph.D. Thesis**, *"Synthesis and spectroscopic characterization of rigid polymers and their blends for use in fuel cells", Department of Chemistry, University of Patras*

1993-1997: **Diploma in Chemistry**, *Department of Chemistry, University of Patras*

2. Participation in research Projects

1. **JOULE JOR3-CT97-0045**. *"Advanced Solid Polymer Fuel Cells for Operation at Temperatures up to 200°C"*, partners: CLC s.r.l. (I), Denmark's Technische Universitet, Department of Chemistry (DK), FORTH/ICE-HT (1998-2001)

2. **GROWTH G5RD-CT-2001-00568**. *"Specialty Antimicrobial Polymeric Materials"*, partners: ARGO SA, FORTH/ICE-HT, ULG, GAIKER, NAFC, POLISILK, LSP, ROMVAC, University of Erlagen (2001-2004)

3. **EPAN**. *"Development of Flexible photovoltaics"* partners: KARAMOYZIS HELLENIC OPTICAL S.A., FORTH-ICE/HT, MORNOS S.A., C.R.E.S. (2003-2006)

4. **PYTHAGORAS (EPEAEK II)**. *“Synthesis and characterization of polymeric membranes for use in low and intermediate temperature PEMFC”*, Department of Chemistry, University of Patras (2004-2006)

5. **IRAFC FCH-JU 245202**. *“Development of an Internal Reforming Alcohol High Temperature PEM Fuel Cell Stack”* , Partners: Advent Technologies S.A., IMM, CNRS, Nedstack, University of Maria Curie-Sklodowska, FORTH-ICE/HT (2010-2012)

6. **DENANES 09ΣΥΝ-42-420**. *“Development of nanomaterials for lithium batteries”*, Partners: FORTH-ICE/HT, SYSTEMS SUNLIGHT S. A., Department of Chemistry/University of Patras (2011-2013)

3. Publication Record

Publications in international peer review journals: **21**

Publications in conference Proceedings: **20**

Citations >**540**, h-index: **13**, Patents: **4**

4. Courses

4.1. Undergraduate courses

- “Physical Processes of Chemical Technology” (laboratory course, Department of Chemistry, University of Patras)
- “Chemistry” (Department of Physics, University of Patras)
- “Polymer Chemistry” (Department of Chemistry, University of Patras)
- “Structure-Properties Relations in Polymers” (laboratory course, Department of Chemistry, University of Patras)

4.2. Post-graduate courses

- Lectures on “Characterization Techniques for Nanostructured Materials» (Post Graduate Program in “Advanced Polymeric and Nanostructured materials”, Department of Chemistry, University of Patras)

5. Research Activities

- Synthesis and characterization of polymeric membranes for use in proton exchange membrane fuel cells (PEMFC)
- Synthesis and characterization of anion exchange membranes for use in alkaline fuel cells
- Design and development of polymeric membranes to be used as polymeric electrolytes or separators in lithium ion batteries