

DAMIAN GIAOURIS

PhD (Control Eng, 2004), MSc (A&C Eng, 2001), Diploma (A&C Eng, 2000),
BSc (Mathematics, 2009), PG Cert (Mathematics, 2011)

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PROFESSIONAL EXPERIENCE

Sept 2004 – Oct 2011 & Sept 2015 – Present, Newcastle University, School of Engineering

Posts:

- Professor of Control of Energy Systems, August 2022 – Present.
- Reader in Control of Energy Systems, August 2019 – August 2022.
- Senior Lecturer in Control Systems, Sept 2015 – August 2019.
- Lecturer in Control Systems, Sept 2004 – Oct 2011.

Management Responsibilities:

- Director of Electrical Engineering, 2023 – Present.
- Deputy Director of Electrical Engineering, 2021 – 2023.
- Deputy Head of Electrical Power Research Group, 2015 – 2021.
- Postgraduate Teaching Director, School of Electrical Engineering, 2009 – 2011.
- Degree Program Director of Automation and Control MSc, 2006 – 2011.

Module Leader:

- EEE8153/EEE3001 Linear Controller Design & State Space with Matlab Applications.
- EEE8158 Robust and Adaptive Control Systems.
- EEE2002 Dynamic Systems and Control.
- EEE8007 Advanced Control Systems.
- EEE3008/EEE8005 Industrial Automation, Robotics and Artificial Intelligence.
- EEE8072 Subsea control and communications systems.

PhD Students: 33 in total, **Internal/External PhD Examiner.**

Total Research income for Newcastle University: £4.3M

Nov 2011 – Nov 2015, Centre for Research and Technology Hellas (CERTH), Chemical Process & Energy Resources Institute (CPERI), Thessaloniki, Greece

Post: Researcher

Projects: “Solar Hydrogen Production Optimization Through Algorithms”, “Design Optimization and Control of an Integrated Fuel Cell System with Application on Vehicular Power Systems”.

Tasks: Responsible for the submission of grant proposals (EU/Greek government), running or participating on various research projects (mainly on renewable energy systems, energy management strategies and control of electrical systems), support for local companies.

PUBLICATIONS

Book Chapters: 1	Journal Publications: 72	Journal Editorial Publications: 2	Conference Publications: 96
Google Scholar		Scopus	
Citations: 4095, h-Index: 28, i10-Index: 85		Citations: 2,852, h-Index: 26	

ESTEEM INDICATORS

Associated Editor: IET Power Electronics (2014-2017), IEEE Circuits & Systems II (2018-2019), Frontiers in Control Engineering (2023 – Present).

Guest Associate Editor: IEEE Journal on Emerging and Selected Topics in Circuits and Systems September 2015. IEEE Journal on Journal of Emerging and Selected Topics in Power Electronics July 2019, IET Smart Grids 2021, International Journal of Electrical Power & Energy Systems 2021, MDPI Sustainability 2021.

IEEE Technical Committees: “Power and Energy Circuits and Systems”, “Nonlinear Circuits and Systems”.

External Examiner: Aston University: Sept 2018 – Aug 2022, University of East London: Oct 2020 – Sept 2024, University of Queen Mary London: 2020 – 2024.

External Evaluator: York University Canada, International Energy Research Centre Ireland, University of Nottingham Ningbo China.

Conference Technical Committee/Sessions: PEMD2022, PEMD2020, NOLTA2018, GECS'2017, NOLTA2014, IECON2013, ENOC2012, NOLTA2012, ENOC2011, ISCAS2011, WCE 2007 – 2010, Chaos09, ENOC 2008, ICIT2008, ICIT 2006.

Organised Seminars, Invited Speaker: SDIWC ICIA/ICISS 2020 (2020), Isaac Newton Institute for Mathematical Sciences, Cambridge University (2019), Metropolitan College Thessaloniki (2018), Queen Mary London (2018), Newcastle University Singapore (2017), Universitat Rovira i Virgili (2016), TU München (2018, 2017, 2016, 2011-2009), Aristotle University of Thessaloniki (2014), PEMD2010, Aberdeen University (2010, 2009), Imperial College London (2009), Leeds (2009), Bristol (2008), Wuppertal University (2008), IIT Kharagpur (2008).

Guest Member of Staff: Technical University of Munich (July 2017 – July 2019), Newcastle University (Oct 2011 – Sept 2015).

Consultant at King Abdulaziz University, Jeddah, Saudi Arabia, Jan 2012.

Member of Accreditation Panel: Accreditation of FdSc Mechanical Manufacturing Engineering, FdSc Electrical Electronics Engineering, FdSc Multi Skill Engineering, Newcastle College, April 2010.

School Governor: Talbot House Trust, 2022 – Present.

EDUCATION

- Feb 2010 – Jan 2011: **PG Certificate in Mathematics**, Open University.
 - Feb 2007 – Dec 2009: **BSc in Mathematics**, Open University, **First-class Honours**
 - Sept 2001 – Nov 2004: **PhD** at Newcastle University, School of Electrical, Electronic & Computing Engineering.
 - Sept 2000-Sept 2001: **MSc** in Automation and Control, Newcastle University, **Distinction**.
 - 1995- 2000: **Diploma** at the Department of Automation and Control, at the Technological Educational Institute of Thessaloniki.
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