

# George Gregory Malliaras

*Prince Philip Professor of Technology, University of Cambridge*

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## Education

*University of Groningen (the Netherlands)*

**Ph.D.** awarded with highest honours (cum laude) in Mathematics and Physical Sciences. 1995  
Thesis research on photorefractivity in polymers. Thesis advisor: Prof. Georges Hadziioannou

*Aristotle University of Thessaloniki (Greece)*

**B.S.** in Physics. 1991

## Professional Experience

*University of Cambridge (UK)*

Prince Philip Professor of Technology, Department of Engineering. 2017 – Present

*Ecole Nationale Supérieure des Mines de Saint Etienne (France)*

Professor (classe exceptionnelle from 2012), Department of Bioelectronics. 2009 – 2017  
Head, Department of Bioelectronics. 2009 – 2016

*Cornell University (USA)*

*Lester B. Knight* Director, Cornell NanoScale Science and Technology Facility. 2006 – 2009  
Associate Professor, Department of Materials Science and Engineering. 2004 – 2009  
Director of Graduate Studies, Materials Science and Engineering. 2004 – 2006  
Member of Graduate Field, Applied & Engineering Physics. 2002 – 2009  
Member of Graduate Field, Electrical & Computer Engineering. 2002 – 2009  
Assistant Professor, Department of Materials Science and Engineering. 1999 – 2004

*IBM Almaden Research Center (USA)*

Postdoctoral Fellow, Center for Polymer Interfaces and Macromolecular Assemblies. 1997 – 1998  
Advisor: Dr J. Campbell Scott.

*University of Groningen (the Netherlands)*

Postdoctoral Fellow, Materials Science Centre. 1995 – 1997  
Advisor: Prof. Georges Hadziioannou.

## Honours and Awards

- Member, European Academy of Sciences (Austria), 2023.
- 2023 Blaise Pascal Medal of the European Academy of Sciences (Austria), 2023.
- Member, Academia Europaea (UK), 2023.
- Mid-Career Researcher Award, Materials Research Society (USA), 2023.
- Honorary Doctorate, University of Linköping (Sweden), 2020.
- Fellow, Materials Research Society (USA), 2017.
- Fellow, Royal Society of Chemistry (UK), 2010.
- NY Academy of Sciences Blavatnik Award for Young Scientists (USA), 2007.
- DuPont Young Professor Award (USA), 2005.
- NSF Faculty Early Career Development Award (USA), 2000.

- Fiona Ip Li '78 and Donald Li '75 Excellence in Teaching Award, Cornell University (USA), 2001
- James M. and Marsha D. McCormick Award for Excellence in Advising First Year Students , Cornell University (USA), 2001, 2007.
- Ph.D. awarded with highest honours “cum laude” (the Netherlands), 1995.

## Professional Activities

- Editorial
  - Deputy Editor, *Science Advances* (Associate Editor since 2015), 2020 – present.
  - Advisory Council, *Research Directions: Bioelectronics*, 2022 – present.
  - Editorial Advisory Board Member, *Advanced Materials Technologies*, 2016 – present.
  - Editorial Advisory Board Member, *MRS Communications*, 2012 – present.
  - Advisory Board Member, *Journal of Materials Chemistry B*, 2012 – present.
  - Past: Chairman of the Editorial Board, *Journal of Materials Chemistry*, 2007 – 2010; Member of the Editorial Board, *Sensors*, 2006 – 2013; Associate Editor, *Japanese Journal of Applied Physics*, 2005 – 2014; Guest Editor, *MRS Communications* (2020), *APL Materials* (2014), *Advanced Materials* (2014), *Japanese Journal of Applied Physics* (2005), *Journal of Polymer Science: Polymer Physics* (2003), *Journal of Materials Chemistry B* (2003).
- Boards/Committees
  - Program Development Committee, Materials Research Society (USA), 2021 – present.
  - International Advisory Committee, Biomedical Engineering (BME) programme, Faculty of Engineering, The University of Hong Kong (China), 2021 – present.
  - International Advisory Council, National Centre of Research & Innovation on Nanotechnology, Nanomedicine and Organic Electronics (Greece), 2021 – present.
  - Standing Committee of External Evaluators for the Italian Institute of Technology (Italy), 2013 – present.
  - International Advisory Board, ELORPrintTech, University of Bordeaux (France), 2015 – present.
  - Scientific Advisory Board, Centre for Research on Adaptive Nanostructures and Nanodevices, Trinity College Dublin (Ireland), 2010 – present.
  - Scientific Advisory Board, Panaxium (France), 2018 – present.
  - Scientific Advisory Board, Orthogonal, Inc. (USA), 2009 – present.
  - Past: Hellenic National Council for Research and Innovation, 2016 – 2018; Scientific Advisory Board, Max Planck Institute for Polymer Research (Germany), 2013 – 2021; MRS Government Policy Committee, 2014 – 2017; Evaluation Committee for Innovators under 35 Europe, 2017; Executive Committee of the European Materials Research Society, 2016 – 2017; Scientific Advisory Board, Nano Terra, Inc., 2009 – 2012; Scientific Advisory Board, KAUST-Cornell Center for Energy and Sustainability, Cornell University, Ithaca, NY, 2010 – 2013; Scientific Advisory Board, Center for Organic Bioelectronics, Karolinska Institute and Linköping University, Sweden, 2007 – 2011; Board of Directors, Infotonics Technology Center, Inc., Canandaigua, NY, 2007 – 2008.
- Conferences
  - 2015 Materials Research Society Fall Meeting Chair (Boston, MA, USA).
  - 2017 E-MRS Fall Meeting Chair (Warsaw, Poland).
  - Lead organizer, 6th Symposium on Functional pi-Electron Systems, 2004 (Ithaca, NY, USA).
  - Organizer of symposia for Materials Research Society, Gordon Research Conferences, European Materials Research Society, American Physical Society, American Chemical Society, Faraday Discussions (Royal Society of Chemistry), Minerals, Metals and Materials Society, and Society of Imaging Science and Technology.
- Various
  - 300+ papers in peer-reviewed journals, 10 patents, 500+ invited talks.