

Thomas D. Anthopoulos

King Abdullah University of Science and Technology (KAUST)

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E-mail: thomas.anthopoulos@kaust.edu.sa**PROFESSIONAL BIOGRAPHY**

I am a full professor of Material Science & Engineering within the Division of Physical Sciences and Engineering at King Abdullah University of Science and Technology (KAUST) in Saudi Arabia. I have joined KAUST in 2017 from Imperial College London (UK) where I held various faculty positions since 2006. I have published over 300 journal articles (h-index of 68 in google scholar), co-authored 4 book chapters and have filed over 10 patents/patent applications. My research interests are diverse and cover the development of emerging forms of opto-electronic devices & integrated circuits/systems manufactured using innovative processing paradigms for use in emerging fields such as the internet of things (IoT) device ecosystem.

EDUCATION

- 1998-01 *PhD in Physical Electronics*, Staffordshire University, School of Engineering, UK.
Thesis: Study of the Electronic Processes in Evaporated Thin Films of Nickel Phthalocyanine.
- 1994-98 *BEng in Medical Engineering*, Staffordshire University, School of Engineering, UK.
Project title: Design and implementation of a digital ring-oscillator.

PROFESSIONAL POSITIONS

- 2017- Professor of Material Science & Engineering, King Abdullah University of Science and Technology (KAUST), Saudi Arabia.
- 2017- Visiting Professor of Physics, Department of Physics, Imperial College London, UK.
- 2012-17 Professor of Experimental Physics, Department of Physics, Imperial College, UK.
- 2009-12 Reader in Experimental Physics, Department of Physics, Imperial College London, UK.
- 2008-15 Co-founder of C-Change LLP., a multi-disciplinary partnership specialising in the science, technology and application of plastic electronics with aim to deliver market breakthroughs in solar power, energy-efficient lighting and interactive devices [dissolved in 2015].
- 2007-10 Research Councils UK (RCUK) Fellow & Lecturer, Department of Physics, Imperial College London, UK.
- 2006-09 Engineering and Physical Sciences Research Council (EPSRC) Advanced Research Fellow, Department of Physics, Imperial College London, UK.
- 2003-06 Marie Curie Postdoctoral Fellow, Philips Research Labs, Eindhoven, The Netherlands.
- 2001-03 Research Assistant & Postdoctoral Associate, University of St. Andrews, UK.

SUMMARY OF ACHIEVEMENTS

- Extensive research experience in the area of advanced functional electronic materials, and their application in devices and integrated circuits & systems in university and industrial settings.
- Delivered over 70 Invited, Keynote and Plenary talks in various international conferences.
- Extensive teaching experience at undergraduate & postgraduate level and new course development.
- Demonstrated ability to attract funding from public organisations & industry in Europe & Saudi Arabia.
- Successful project management experience (ERC, EPSRC, FP7 & numerous industry projects).
- Author/co-author of >300 articles with numerous manuscripts currently under review.
- Citation impact factor (h-index) of 68 ([Google Scholar](#)).
- Co-author of 4 book chapters in the areas of Organic Electronics & Nanocarbon electronics.
- Inventor/co-inventor of >13 patents/patent applications, with several current invention disclosures.

PRIZES & AWARDS

- 2018 Listed in [Advanced Materials](#) (Wiley) Hall of Fame issue for the journal's 30th year anniversary.
- 2011 Distinguished Lecture in Physics, Hong Kong Baptist University, Hong Kong.
- 2011 European Research Council (ERC), Consolidator Starting Grant Award.
- 2011 Co-recipient of Imperial College strategic investment award.
- 2011 Ben Sturgeon Prize 2011, Society for Information Display (SID), UK & Ireland.

- 2011 Co-recipient of Technology Leadership in Education Award sponsored by The FlexTech Alliance.
- 2008 Society for Information Display (SID) Organic Electronics UK 2007, The Alfred Woodhead Best Paper Award 2007.
- 2007 Research Excellence Award, Imperial College London.
- 2005 EPSRC Advanced Research Fellowship, Imperial College London, UK.

PROFESSIONAL ACTIVITY

Editorial Activities

- 2019 Member of the Editorial Board, [IOP SciNotes](#), IOP.
- 2019 Guest Editor for Special Issue on “Emerging Thin-Film Transistor Technologies and Applications”, [Advanced Functional Materials](#), Wiley.
- 2019 Guest Editor for Focus Issue on “Organics and hybrid perovskites: From materials to applications”, [Journal of Physics Materials \(JPhys Materials\)](#), IOP.
- 2018 Member of the Editorial Board, [npj Flexible Electronics](#), Springer-Nature.
- 2018 Member of the Senior Advisory Board, [Journal of Physics Materials \(JPhys Materials\)](#), IOP.
- 2018 Guest editor for special issue on “Transparent Conductive Materials” published in [Thin Solid Films](#), Elsevier.
- 2017 Guest Editor for Special Issue on “Flexible Electronics” published in [IEEE Transactions on Electron Devices](#).
- 2016 Member of the Editorial Board, [Semiconductor Science and Technology](#), IOP.
- 2015 Editor and Member of the Editorial Board, [Materials Science & Engineering: R: Reports](#), Elsevier.
- 2014 Member of the Editorial Board, [Advanced Science](#), Wiley.
- 2012 Member of the Editorial Advisory Board, [Advanced Functional Materials](#), Wiley.
- 2012 Guest Editor for Special Issue on “Organic and Hybrid Materials for Flexible. Electronics” published in [Advanced Materials](#), Wiley.
- 2011-12 Member of the Editorial Board of [Applied Nanoscience](#), Springer.

Conference Committees

- 2018 Co-Chair: [European Materials Research Society \(EMRS\)](#) spring meeting 2018.
- 2018 Co-Chair: [7th International Symposium on Transparent Conductive Materials \(IS-TCM\)](#) 2018.
- 2014 Member of organising committee for several international conferences (ISFOE, CIMTEC, IMID, TCM, amongst others).

Conferences, Symposia & Schools Organisation

- 2020 Symposium organiser, Fall Materials Research Society (MRS) Meeting, USA.
- 2019 Main co-chair: KAUST Research Conference: 3rd Generation photovoltaic technologies and beyond. Approximately 250 participants from across the world.
- 2016 Symposium organiser, Fall European-MRS (E-MRS) Meeting, Poland.
- 2015 Symposium Organizer, MRS-IMRC meeting, Cancun, Mexico.
- 2013 Symposium organiser, Fall MRS Meeting, Boston, USA.
- 2013 – Program Committee member, Int. Thin-Film Transistor Conference (ITC).
- 2012 – Symposium organiser, Int. Symposium of Flexible Organic Electronics, Greece.
- 2011 Symposium organiser at Spring E-MRS Meeting, France.
- 2011 Symposium organiser at Fall MRS, Boston, USA.
- 2010 – Scientific Committee member for numerous conferences, symposia and meetings.
- 2010 Co-applicant and co-organiser of two FP7 funded ERASMUS Lifelong Learning Programmes entitled “An introduction to organic electronics and applications (OREA)” and “Transparent Electronics (TRANSELECT)”.