

CHRISTOS PAPAVALASSILIOU
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- EDUCATION** Massachusetts Institute of Technology, B.S. in Physics, 1983.
Yale University, PhD in Applied Physics, 1989. (M.S. 1985, MPhil. 1988)
- ACADEMIC EXPERIENCE** Senior Lecturer, Dept. of Electrical Engineering, Imperial College London, UK (1996-pres.)
Adjunct Professor, Physics Department, University of Crete, Heraklion, Greece (1991-1996)
Researcher, Microelectronics Research Group, FORTH, Heraklion, Greece (1990-1996)
Researcher, Schmidt Technology Associates, New Haven, CT, USA (1988-1989)
- ADMIN EXPERIENCE** Final Year Tutor (2012-pres.)
Deputy Head, Circuits and Systems Group, Imperial College, Dept. EEE (2000-pres.)
Senior Tutor, Imperial College, Dept. of Electrical Engineering (2005-2011)
Course Director, MSc in Analogue and Digital Integrated circuit Design (1997-2011)
- PROFESSIONAL EXPERIENCE** Expert Reviewer of 6 industrial Microelectronics Development projects, total budget 15M EUR
Corallia Clusters Initiative, Greece (2009-pres.)
- RESEARCH INTERESTS** Fundamental performance limits of electronic circuits; circuit design with novel electronic devices.
Radio and microwave electronics; array communication systems; localization and triangulation
Signal integrity; substrate and package signal propagation modes; crosstalk.
- RESEARCH** 7 research grants / participations to research consortia with over 1M GBP total budget
- STUDENTS** 11 PhD students graduated, over 30 MSc and over 100 undergraduate projects supervised.
- PUBLICATIONS** 32 international journal articles, 34 contributions to international conferences
- COURSES TAUGHT** Instrumentation (3rd year – MSc, Imperial College, EEE)
Current Mode analogue circuit design (4th year – MSc option, Imperial College, EEE)
Analogue Electronics II (2nd year, Imperial College, EEE)
Microwave Technology (3rd year - MSc, Imperial College, EEE)
Radio Frequency Electronics (4th year – MSc option, Imperial College, EEE)
Introduction to computers (1st year, Physics Dept., U. Crete)
Solid State Physics (4th year, Physics Dept., U. Crete)
Circuit Theory (3rd year, Physics Dept., U. Crete)
Computational Physics (4th year - Graduate, Physics Dept., U. Crete)
- SERVICE** Reviewer, and panel member, Engineering and Physical Sciences Research Council, UK
Reviewer for: IET Electronics Letters, IEEE Transactions on Circuits and Systems
IEEE Transactions on Microwave Theory and Techniques
Member Technical Program Committee IEEE European Solid State Circuits Conference
- OTHER** Academic Visitor, National Technical University of Athens, Electrical Engineering (2012-13)
On Sabbatical Leave, TU Delft, Dept. of Electrical Engineering (2011-2012)
External Examiner, Ngee Ann Polytechnic, Singapore, dept EEE (2004-2009, 2013-pres.)
- PROFESSIONAL SOCIETIES** Senior Member IEEE
Member IET
- LANGUAGES** Greek, English (Fluent), Italian, French (B2), German (A1)
- COMPUTING** FORTRAN, C, Office, Electronic CAE, Windows, MACOS, Linux
- PERSONAL INTERESTS** Music: Classical Guitar, Violin, Choir Singing