

**Mr. Keith Hawkins**

**Professor**

**Oriel College, University of Oxford**



#### **Legal and Socio-legal Theory and Intellectual Property Rights**

Keith Hawkins (LL.B Birm., Dipl Criminol., MA, PhD Cantab.) retired from active teaching in October 2006. His research interests are in the sociology of legal processes, and are concerned with legal decision making and the workings of governmental regulation in such areas as environmental control, and occupational health and safety regulations.

**Mr. Kobi Kremnitzer**

**Associate Professor**

**Oriel College, University of Oxford**



#### **Quantum Computing**

Professor Kobi Kremnitzer's areas of research are geometry, algebra and mathematical physics. Kobi is an associate professor in Oxford and tutorial fellow in Oriel College since 2009. Before that he was at MIT and at the University of Chicago. From 2005 to 2009 he was the principle investigator (PI) on a large NSF grant focusing on non-commutative algebraic geometry and its applications to representation theory. In Oxford he has forged strong links between the research groups in algebra, geometry, number theory and math physics and with the department of computer sciences. He is the Oxford PI on an EPSRC programme grant "Symmetries and Correspondences" joint between the university of Oxford and the university of Nottingham, an investigator on D. Joyce's EPSRC programme grant, and a senior member of the Centre for Quantum Mathematics and Computation in Oxford. He was the organiser of the homotopy type theory programme in Oxford (September to December 2014) in which V. Voevodsky (Fields Medalist) is the senior researcher and a term long lecturer. He has organised 9 international conferences, including a recent Clay Math Institute (CMI) conference in July 2014 and a workshop on the homotopy type theory programme in November 2014. He was one of the organisers of the 2015 workshop in Oxford on Mochizuki's work on the abc conjecture.

**Mr. Luca Castagnoli**

**Associate Professor**

**Oriel College, University of Oxford**

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### Contemporary PPE: Ethics & Logic: From Aristotle to Moore: the language of logic

Luca Castagnoli is an Associate Professor of Ancient Greek Philosophy at the University of Oxford, and a Stavros Niarchos Foundation Fellow of Oriel College. Having studied philosophy at the University of Bologna and the University of California, Berkeley, Luca obtained a Ph.D. in Classics from the University of Cambridge. He was a Research Fellow at Magdalene College, Cambridge, and then a Lecturer/Senior Lecturer in Ancient Philosophy at Durham University for eight years, before moving to Oxford. He has published one monograph on ancient self-refutation arguments (CUP 2010) and some two-dozen articles on ancient philosophical subjects. He teaches ancient philosophy and ethics for Oriel College.

**Mr. Christopher Bowdler      Associate Professor      Oriel College, University of Oxford**



### Monetary Policy and Central Banking

Christopher is a Fellow of Oriel College, where he is Director of Studies in Economics. At Oriel he served as the Tutor for Admissions and Outreach from 2013 to 2015, and continue to serve on a range of college committees.

He is an applied macroeconomist and have published a range of empirical papers on topics including the identification of monetary policy shocks and their transmission to the real economy and financial markets, testing open economy models of the output-inflation trade-off, and evaluating the effects of international differences in labour market institutions.

**Miss Monique Boddington      Doctor      Judge Business School, University of Cambridge**



### Entrepreneurship: Evaluation Creation and Funding of New Ventures

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Dr Monique Boddington began working at the Centre for Entrepreneurial Learning, which eventually became part of the Entrepreneurship Centre, working on multiple EU projects on entrepreneurship education. Her original background is in archaeology having completed a BA and MA in Archaeology at the University of Nottingham and taken part in excavations across Europe. Monique has a PhD from the University of Cambridge and her thesis focused on applying philosophy to archaeology to look at the nature of knowledge creation of the past. Alongside her research, Monique is also a tutor and teaching associate on the Postgraduate Diploma in Entrepreneurship. Monique's research includes the study of entrepreneurial teams, entrepreneurship education, entrepreneurship and gender, and the use of sociological approaches to broaden our understanding of entrepreneurial activity. Monique leads the EVER project, which is a longitudinal qualitative study of the teams within of the teams within Accelerate Cambridge. This project aims to understand the strategic decision-making of early ventures and how teams pivot over time. She is also currently working on a project exploring the impact of gender on entrepreneurship in the gaming industry. Previously, she worked on the design and implementation of a survey-based tool to measure the impact of entrepreneurial education (as part of multiple EU-funded projects) and remains passionate about understanding how research can improve the delivery and impact of entrepreneurship education to educate the next generation of entrepreneurs.

**Mr. Claudio Falco**      **Doctor**      **Department of Engineering, University of Cambridge**



#### **Microelectronic Circuits and Analogue Devices**

Born in Naples, Italy, in 1988, he received B.Sc and M.Sc. degrees in electrical engineering from the Federico II University in Naples in 2009 and 2012 respectively. Immediately after, he won a position as Ph.D. candidate at the High Voltage Microelectronic and Sensor Group, University of Cambridge, U.K., where he worked on the development and numerical analysis of CMOS based thermal sensors. After finishing the Ph.D. in 2017, he decided to pursue the academic career with a post-doc at the same lab, on a project trying to exploit a novel process available for CMOS devices to design high accuracy gas sensors.

**Mr. Brian Last Name McMahon**      **Doctor**      **Somerville College, University of Oxford**

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### **An Actor's Approach to Shakespeare**

Brian graduated from Somerville with a BA in English Literature in 2009, and then from Balliol College with an MSt in English (650-1550). He is currently reading for a DPhil in Old Norse Literature, exploring the figure of the itinerant storyteller in eddic and saga literature. Between studying for these qualifications, he trained as an actor at East 15, and is still active in local theatre, notably as one of the founders of Oxford's repertory troupe Reverend Productions.

**Mr. Andrew Farlow**

**Senior Fellow**

**Martin School, University of Oxford**



### **The Health of Nations: Current Challenge and Future Possibilities**

Research Interests

Global Health: Pharmaceutical research and development; global health financing and delivery; innovation and technology transfer issues in global health settings; measurement of socioeconomic impact of health interventions; application of financial and risk management tools to global health analysis; market, pricing, and launch strategies, especially in resource-poor settings. The approach is highly interdisciplinary and policy-orientated, mixing science, economics, epidemiology, finance, and management practice. Financial Markets: Banking, equity, currency, and real estate; financial instability; monetary policy; bubbles.

**Mr. Jose Silva**

**Doctor**

**MRC Cambridge Stem Cell Institute, University of Cambridge**



### **Stem Cell Biology**

José received his first degree in Biology from the University of Porto, in Portugal. He joined the GABBA graduate program from the University of Porto and then went on to do his PhD studies at Imperial College under the supervision of Professor Neil Brockdorff on heritable silencing

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mechanisms during mouse development.

In 2003 following his PhD, José moved to Professor Austin Smith's laboratory at the University of Edinburgh as an EMBO post-doctoral fellow to investigate factors involved in nuclear reprogramming. This work has led to the identification of Nanog as the first defined gene with nuclear reprogramming capacity in the conversion of a somatic cell into a pluripotent cell.

In 2008 José started as a group leader at the Wellcome Trust - MRC Stem Cell Institute at the University of Cambridge, investigating the biology underlying the process of induced pluripotency. His work was initially supported by a Next Generation Award (2008) and subsequently by a Wellcome Trust Research Fellowship Award (2009). Recently, José was awarded a Wellcome Trust Senior Research Fellowship. He started this in March 2014.

**Mr. Amor Abdelkader      Doctor      Department of Engineering, University of Cambridge**



#### **Introduction to Nanomaterial**

Amor Abdelkader received his PhD degree (2011) in Materials Science and Metallurgy from the University of Cambridge supervised by Professor Derek Fray, FRS. He then moved to study self-healing materials with Professor Sybrand van der Zwaag at the Delft University of Technology. In 2012, he joined the school of materials at the University of Manchester to work in the graphene technologies. He then moved to the National Graphene Institute to work with Professor Sir Kostya Novoselov (a Nobel laureate in physics). Amor returned to Cambridge in 2016 where he was working with Professor Andrea Ferrari at the Cambridge Graphene Centre. In 2017, Amor was appointed as an associate professor of advanced materials at Bournemouth University. He has published over 40 papers, 20 patents, and 1 book chapter. His research activities cover a broad spectrum of materials topics ranging from newly discovered nanomaterials to traditional engineering materials such as alloys and ceramics. He also has a keen interest in the carbon dioxide sequestration.

**Mr. Simone Falco      Doctor      Oriel College, University of Oxford**



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## Dynamic Behaviour of Materials

Simone is a post-doctoral research associate at the department of Engineering Science of the University of Oxford and lecturer at Oriel College. His research interests comprise different aspect of the behaviour of materials under extreme loading condition, from the response of armour systems upon impact to the effect of high temperatures on the structural integrity of materials, with particular focus on the effect micromechanical features on the overall macroscopic properties of the material.

### Other Faculty Members:

<b>Mr. Fergus Cooper</b>	<b>Doctor</b>	<b>Somerville College, University of Oxford</b>
<b>Mr. Amin Abolghasemi</b>	<b>Doctor</b>	<b>Oriel College, University of Oxford</b>

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Law	UK Corporate & Contract Law	Legal Theory & Intellectual Property Right		
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