



2008 Newton International Fellows

Dr Saskia Roselaar
Conquest and integration in the Roman Republic
University of Manchester

Dr Samu Niskanen
A critical edition of St Anselm's letters
University of Oxford

Dr Vivien Prigent
Estimation of the gold coin output of the Byzantine Sicilian mint from the 7th to the 9th century.
University of Oxford

Dr Shin-Sook Kim
Negation, Scope, and Negative Polarity Items in Korean
School of Oriental and African Studies

Dr Andrey Shcherbenok
Soviet Past as the Traumatic Object of Contemporary Russian Culture
University of Sheffield

Dr Xiaobo Zhai
Greatest Happiness, Democracy and Tyranny of Majority: The Normative and Institutional Structure of Jeremy Bentham's Constitutional Theory
University College London

Dr Vicki Sentas
Securing Nations: Policing Terrorist Organization Offences in the United Kingdom and Australia
King's College London

Dr Jie Sui
Cultural Contributions to the Neural Mechanisms of Self-Face Perception
University of Birmingham

Dr Chiara Letizia
Religious Change in Nepal
University of Oxford

Dr Katrien Pype
Presidential Propaganda on Kinshasa's Television Screens. An Exploration into Politics and Media in DR Congo (2009-2010).
University of Birmingham

Dr Dariusz Gafijczuk
The Ruins of Mitteleuropa: An Investigation into the Cultural Blueprints of the Centre
University of Lancaster

Dr Martina Viarengo
"School Size and Students' Performance: an International Perspective"
London School of Economics & Political Science

Dr Huiling Duan
Nanomechanics and design of multi-functional porous solids and structures
Cardiff University

Dr Yulong Li
Theoretical and Practical Research on Topologies and Applications for Direct AC-AC (matrix) Converters
University of Nottingham

Dr Koon Fung Lam
Flow Separation Processes in Micro-structured Units
University College London

Dr Bin Zhang
Modelling on the Structural Phase Transitions and Failures of Carbon Nanomaterials in Extreme Environments
University of Glasgow

Dr Robert Gordon
Combustion characteristics of second-generation biofuels as examined with advanced laser diagnostics
University of Cambridge

Dr Rajib Chowdhury
Structural Health Monitoring of Aerospace Vehicle under Uncertain Environments
Swansea University

Dr Sriram Venkatachalam
Nonlinear interactions between violent waves and elastic structures
City University

Dr Deborah Villarroel-Lamb
Modelling and Prediction of long-term coastal morphology
University College London

Dr Francesco Bonaccorso
Chirality controlled nanotube composites for photonics and optoelectronics
University of Cambridge

Dr Akira Nakajima
Development of Ultra-high performance Power Integrated Circuit technology using GaN based Polarization Junction device technology
University of Sheffield

Dr Adrien Mamou-Mani
Investigating the consistency and quality of musical wind instrument manufacturing
Open University

Dr Jing Chen
Improving the intelligibility of speech in noise and competing speech for the hearing impaired
University of Cambridge

Dr Oleksiy Sydoruk
Travelling wave THz devices
Imperial College London

Dr Javier Carrasco
Towards a First-Principles Understanding of Heterogeneous Ice Nucleation on the Nanoscale
University College London

Dr Elena del Valle
Quantum Information Processing with Bose-Einstein Condensates of Microcavity Polaritons
University of Southampton

Ms Sheila Wang
Elucidating the Structure of an Inhibitor-Bound Proteasome Complex by Mass Spectrometry
University of Cambridge

Dr Tamas Nepusz
Overlapping community detection methods for biological applications
Royal Holloway, University of London

Dr Pedro Lacerda
Extreme Objects in the Outer Solar System
Queen's University of Belfast

Dr Jie Wang
Simulating structure formation of the Milky Way
University of Durham

Dr Yvonne Peters
The Top Quark as Window to New Physics
University of Manchester

Dr Simona Irrera
Molecular modelling of DNA/RNA bases on metal surfaces
University College London

Dr Luis-Miguel Chevin
Adaptation and persistence of fragmented populations in a changing environment.
Imperial College London

Dr Emiliano Merlo
The Molecular Switch Underlying the Transition Between Reconsolidation and Extinction of Fear Memory
University of Cambridge

Dr Martha Nari Havenith
A causal role for oscillations in cortical sensory processing? A direct test.
University College London

Dr Mor Salomon-Botner
Catering to omnivore nutrition as a tool to optimize biological pest control
University of Lancaster

Dr Neel Dhruv
Quantitative analysis of cortical response dependence on network activity
University College London

Dr Folarin Oguntoyinbo
Identification of multifunctional lactic acid bacteria for use as probiotic starter cultures during fermented cereal based food production.
Institute of Food Research

Dr German Tischler
Indexing Texts for Approximate Searches
King's College London

Dr Ruth Martínez-Casado
He-atom diffraction on metal-oxide surfaces from first-principles
Imperial College London

Dr Uchechukwu Vincent
Synchronization and Transport Control in Ensemble of Globally Coupled Ratchets
University of Lancaster

Dr Marianna D'Arco
Study of the molecular basis of alpha2delta-1 up-regulation in DRG neurons
University College London

Dr Stefan Pulver
Neural Circuits and Behavior in Drosophila Larvae
University of Cambridge

Dr Valentina Caorsi
Myosin head movement in contracting muscle fibres detected by Forster Resonance Energy Transfer.
Imperial College London

Dr Araceli Grande-Garcia
The origin and role of carcinoma associated fibroblasts in breast cancer
Cancer Research UK (LRI & clinical units)

Dr Ali Naji
Electrostatics of strongly coupled charged soft matter
University of Sheffield

Dr Nadine Becker
Coordinated cortical and hippocampal activity during cognition and sleep
University of Bristol

Dr Neeraj Rastogi
Soluble iron in marine atmospheric aerosols
University of East Anglia

Dr Chiara Franceschini
On the edges: the unchristened dead and their fate in the Western tradition
School of Advanced Study

Dr Fiona McBryde
Brainstem leukotriene B4 as a mediator of neurogenic hypertension
University of Bristol