New staff in the School of Mathematics & Statistics 2016-17

Dr Charalampos Chanialidis
University Teacher
Office 225, Ext 5149

Charis was a research associate in the School of Mathematics and Statistics and the Urban Big Data Centre at the University of Glasgow; and prior to that a research fellow at the University College Dublin.

Charis obtained his PhD from the School of Mathematics and Statistics at the University of Glasgow in 2014.

His research interests include Bayesian inference, computational statistics, and Markov chain Monte Carlo methods.

Dr Weiwei Chen
Research Assistant
Office 509, Ext 3929

Weiwei is from China and received her PhD in Applied Mathematics at the University of Glasgow in 2016.

Her main research focuses on multiscale modelling of human cardiovascular system, and numerical simulation of fluids dynamics, especially fluid-structure interaction in physiology.

She enjoys mountain walking, photography, snowboarding and badminton. More information can be found in LinkedIn: https://uk.linkedin.com/in/weiwei-chen-97539961

New staff in the School of Mathematics & Statistics 2016-17

Dr Sufang Li
Academic visitor from ZUEL
Arrives 2nd September
Office 403, Ext 6527

Sufang is from China. She received her PhD from the University of Hunan in 2012, and then spent 4 years as a teacher in the Department of Statistics at Zhongnan University of Economics and Law.

Sufang's research applies statistical and econometrical methods to the study of environment, economics and ecology. As part of this, her research involves energy economics, environmental economics, time series analysis, panel data modelling and Bayesian economic modelling.
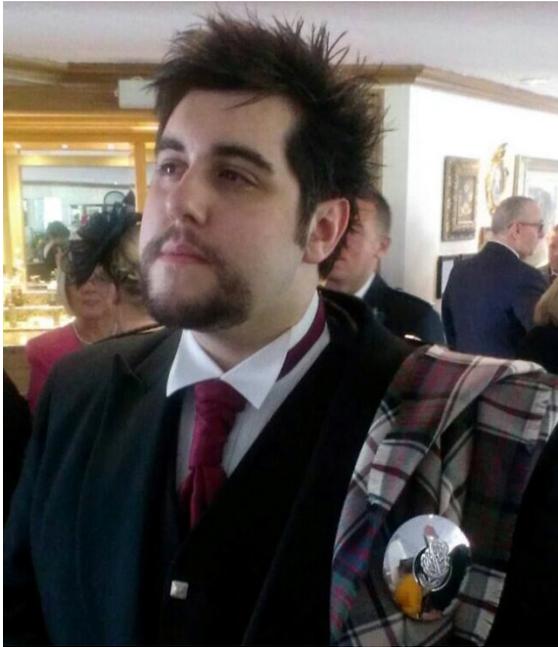

Dr Alan Logan
Research Fellow
Office 333, Ext 4572

Alan is from Lenzie, near Glasgow. He received his MMath degree from the University of St Andrews in 2009, and his PhD from the University of Glasgow in 2014. He then taught mathematics at Glasgow International College, and started his postdoc in Glasgow in 2016. Alan's primary research interest is in geometric and combinatorial group theory.

Alan is particularly interested in hyperbolic groups, one-relator groups and residual finiteness. His work links in to Wise's program on cubical complexes, which famously resolved the virtual Haken and virtual fibering conjectures in 3-manifold theory.

New staff in the School of Mathematics & Statistics 2016-17

Benn Macdonald
Biometrika Research Fellowship
Office 303, Ext 2233

Benn was born in Glasgow and studied for his undergraduate BSc degree and PhD at the University of Glasgow. His research is focussed on conducting parameter inference and model selection in the area of systems biology, where the particular processes are described by differential equations. He has focused on using gradient matching and parallel tempering in order to overcome the difficulties inherent in these problems.

Benn was recently successful in receiving the Biometrika Fellowship - allowing him to develop statistical methodology to deal with complex systems expressed as partial differential equations, describing cancer and cardiovascular injury.

Benn enjoys spending his spare time gaming and practising martial arts.

Dr Scott McGrane
EPSRC Research Fellow
Office 333, Ext 4572

Originally from Bathgate, Scott spent 8 years living in Dundee through the course of his university education. He graduated from the University of Dundee in 2008 with an MA (Hons) in Geography and Environmental Science and an MRes in Civil Engineering from the same institution in 2009. Scott received his PhD in 2013 from the University of Aberdeen as part of the SAGES (Scottish Alliance for Geography, Environment and Society) programme. Following his PhD, he worked as a Research Fellow at the University of Surrey as part of a NERC funded project researching the growth of urban areas in the Thames and their impacts on hydrology and water quality.

At present, he works on the EPSRC WEFWEBs project, seeking to explore the interconnections in the water, energy and food network of the United Kingdom, working with large datasets (both spatial and numerical).

New staff in the School of Mathematics & Statistics 2016-17

Dr Andrey Melnik
Research Fellow
Office 509, Ext 3929

Andrey is from Samara, a city on the Volga River in Russia, where he graduated from Nayanova Academy in 2011. He received his DPhil in Mathematics at the University of Oxford in 2015.
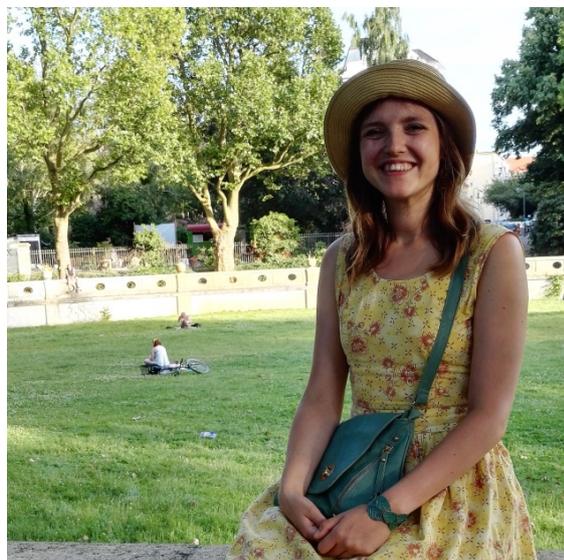
Andrey's work is focused on the mechanics of soft biological tissues, such as myocardium. His research interests include elasticity, growth and remodeling of fiber-reinforced materials. This topic is also related to, e.g. skin wound healing, development of cancer and healthy morphogenesis of organs.

Dr Nan Qi
SofTMech Research Assistant
Office 509, Ext 3929

Nan comes from Xi'an, an ancient and modern city in central China. She received her BSc and MSc degrees in Northwestern Polytechnical University, China. In early 2016, Nan obtained her PhD from the University of Glasgow.

She is now working under the SofTMech research centre and focuses on single cell mechanical model, the first package in this multi-scale soft tissue biomechanics project.

Ms Lucia Rotheray
Maclaurin Scholarship
Office 328, Ext 5177

Lucia grew up Hull, East Yorkshire. She obtained her undergraduate degree from the University of St Andrews and MSc from Humboldt University. Lucia's Master thesis was on Hopf algebras, relating to quantum field theory, and she plans to keep studying combinatorial Hopf algebras and their applications in QFT (or elsewhere).

Lucia has spent the last year working as a tutor in Berlin, and is coming to Glasgow to work on a PhD and continue teaching at the same time, thanks to the Maclaurin Scholarship.

New staff in the School of Mathematics & Statistics 2016-17

Dr Colin Torney
Lecturer in Mathematics
Office 514 Ext 7321

Colin obtained his PhD in Applied and Computational Mathematics from University College Dublin, then spent 4 years as a postdoctoral researcher in the Department of Ecology and Evolutionary Biology at Princeton University. From 2013 to 2016 he was a lecturer in the Mathematics department at the University of Exeter.

Colin's research applies mathematical and computational methods to the study of collective animal behaviour and ecology. He is most interested in the proximate and ultimate causes of social information use and collective decision-making in animals, and the influence of these factors on larger scale ecological processes such as migration.

Prof Michael Wemyss
The Chair of Mathematics
Office 321E, Ext 3314

Before taking up this position, Michael spent 5 years in Edinburgh, having previously held postdoctoral positions in Nagoya and Oxford. He obtained his PhD from Bristol in 2008.

Michael has mathematical interests across algebra and geometry, and is mostly motivated by problems in the minimal model program in algebraic geometry. As part of this, his research involves deformation theory and derived categories, and spans commutative, homological and noncommutative algebra.