RISIS Summer School on Data Science for Science, Technology and Innovation

University of Strathclyde, Glasgow, 24th-28th June 2019

Lecturers and Organisers

Abdulah Gok (University of Strathclyde)

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Dr Abdullah Gök is a Senior Lecturer (Associate Professor) and Chancellor's Fellow at the Hunter Centre for Entrepreneurship, Strathclyde Business School (SBS), University of Strathclyde, Glasgow. He is also an Honorary Research Fellow at the Manchester Institute of Innovation Research, Alliance Manchester Business School (AMBS), University of Manchester. Prior to joining SBS in June 2018, Abdullah was a Lecturer in Innovation, Strategy and Business Economics at AMBS. Before moving to the UK in 2006, Abdullah worked at The Scientific and Technological Research Council of Turkey (TUBITAK) as a policy researcher. Abdullah's research has appeared in various prestigious academic and non-academic outlets. Since January 2019, Abdullah is an Associate Editor of Technological Forecasting and Social Change. Abdullah's research spans three inter-related areas of innovation management and policy: i) emerging technologies and their governance, ii) science, technology and innovation policy and evaluation and iii) social innovation. Besides these three areas, Abdullah utilities novel and big data sources by developing novel methodologies through data science. Abdullah holds a BSc in Economics and an MSc in Science and Technology Policy Studies from the METU, Turkey. He completed his PhD in December 2010 at the AMBS, University of Manchester. Abdullah's detailed academic profile and publications: https://www.strath.ac.uk/staff/gokabdullahdr/

Bernd Wurth (University of Strathclyde)

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Bernd is a Lecturer at the Hunter Centre for Entrepreneurship within Strathclyde Business School. He gained a BEng in Mechanical Engineering (Germany) and an MSc in Management of Technology (USA) on a Fulbright scholarship before pursuing a PhD in Management Science at the University of Strathclyde. Prior to joining HCE, he has worked at Utrecht University School of Economics with Prof Erik Stam. The overarching theme of Bernd's research is to model the economy as a complex system and using the entrepreneurial ecosystems concept as a means to explain why some regions produce more start-ups or scale-ups than others. Bernd's doctoral research focuses on developing a hybrid system dynamics/agent-based simulation in the context of academic entrepreneurship and university ecosystems. This provides the foundation for further research on ecosystems and methodological developments to model the dynamics of complex systems.

Kate Pyper (University of Strathclyde)

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I am a teaching assistant based in the Department of Mathematics and Statistics. I have an MSci in Statistics from the University of Glasgow and am close to completion of my PhD based here at Strathclyde. My research interests are varied between statistics and teaching. My statistical interests cover spatial and temporal epidemiology, with my PhD research specifically pertaining to poisoning. My current teaching interests are focussed around online and blended learning, with particular focus on using R Shiny to create interactive class components.

Yashar Moshfeghi (University of Strathclyde)

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Dr. Yashar Moshfeghi is a Chancellor's Fellow at the University of Strathclyde, as part of the University of Strathclyde's prestigious Global Talent Programme. He leads the Data Science and Analytics research group within the Department of Computer and Information Sciences at the University of Strathclyde. Much of his current research focuses on mining and analysing large volumes of unstructured textual data using statistical inference models. His portfolio boasts over 40 publications appearing at internationally recognised top tier conferences and journals in his field. His interests, however, are extended beyond information retrieval and pertain to rigorously understanding the world of Data Science.

Thomas Scherngell (Austrian Institute of Technology)

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Thomas Scherngell is Senior Scientist and Thematic Coordinator of the research group Innovation Dynamics & Modelling at the Center for Innovation Systems & Policy of the AIT Austrian Institute of Technology, and lecturer at the Institute for Economic Geography and GIScience of the Vienna University of Economics and Business (WU). He holds a venia docendi (habilitation) in Economic Geography and Regional Science, received from WU in 2012. He received his M.A. in Economic Geography (2003) from the University of Vienna (Mag. phil.), and his PhD (2006) from the same university (Dr. rer. nat). He is an expert in economics of innovation and technological change as well as in regional science and spatial analysis. Over the past five years, Thomas' research focus was on the structure and dynamics of R&D networks, with a special focus on networks constituted under the heading of the European Framework Programmes (FPs). Further he has been working extensively on spatial analysis methods, with a special emphasis on spatial econometric methods and spatial interaction modelling, and on network analysis methods, including Social Network Analysis (SNA) and methods from statistical physics.

Martina Neuländtner (Austrian Institute of Technology)

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Martina Neuländtner is a Scientist in the Center for Innovation & Policy at the AIT Austrian Institute of Technology GmbH, where she is currently working on modelling knowledge creation in regional innovation systems. She holds a Master's degree in economics from the Vienna University of Business and Economics (WU) and a Bachelor's degree in statistics from the University of Vienna. Since 2016 she attends the doctoral programme in social and economic sciences at the WU, with a particular focus on economic geography and economics of innovation. Martina Neuländtner has comprehensive methodological skills covering various fields of quantitative data analysis, such as (spatial) econometrics, social network analysis and general statistics. Moreover, her special interests lie in the visualization of spatial and network data.

Rodrigo Costas Comesaña (CWTS, University of Leiden)

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Rodrigo Costas is a senior researcher at the Centre for Science and Technology Studies (CWTS) at Leiden University (the Netherlands). Rodrigo is also an Extraordinary Associate Professor at the Centre for Research on Evaluation, Science and Technology (CREST) of Stellenbosch University (South Africa). His areas of expertise include the fields of information science, scientometrics, and social media metrics. At CWTS he leads the research line in 'altmetrics', focused on developing new theoretical and analytical approaches to study the interactions between social media and science. Some of his other topics of research include the development of advanced scientometric studies of individual scholars and the study of funding acknowledgments as a new source of scientometric data.

Martijn Visser (CWTS, University of Leiden)

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Martijn Visser is a researcher at the Centre for Science and Technology Studies (CWTS) of Leiden University in the Netherlands. For many years Martijn has been primarily engaged in contract research conducting numerous research evaluation studies. He has published on a variety of topic primarily concerning bibliometric methods. Recently he has started working on a PhD thesis regarding the limitations and opportunities of bibliometric data sources.

Philippe Laredo (UPEM)

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Philippe Larédo is Directeur de Recherche at Université de Paris-Est (IFRIS) and professor at the University of Manchester (MBS, Manchester Institute of Innovation Research). His research interests are on new emerging sciences and breakthrough innovation, on the globalisation of RDI activities of large firms and on research and innovation policies. Recent work on the latter deal with new evaluation approaches for assessing societal impacts of public research, and on the development of 'positioning indicators' (with the coordination of a distributed European research infrastructure supported by the EC, RISIS, 2014-2018 and 2019-2022).

Nigel Lockett (University of Strathclyde)

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I am Professor of Entrepreneurship and Head of the Hunter Centre for Entrepreneurship at the University of Strathclyde. I am a senior academic, experienced manager, serial entrepreneur and community leader. Before joining Strathclyde Business School, I previously worked as Professor of Entrepreneurship at Lancaster University Management School and Professor of Enterprise at Leeds University Business School. In 2015, I was awarded a prestigious National Teaching Fellowship for outstanding contribution to enterprise in higher education. I am a Fellow and Past President of the Institute for Small Business and Entrepreneurship. To raise awareness of dyslexia, I blog as The Dyslexic Professor - www.nigellockett.com. I am the co-author of a major textbook: Exploring Entrepreneurship published by Sage Publishing. I have successfully designed and delivered innovative programmes in entrepreneurship, innovation, and technology enterprise. I have also worked with many small business owners on growth programmes including the Goldman Sachs 10,000 Small Businesses, Be the Business Productivity through People and Strathclyde Business School Growth Advantage Programme. My current research interests include academic entrepreneurship, entrepreneurial learning and the use of CRM technologies by SMEs. I am currently a Co-Investigator on the £7m GCRF RECIRCULATE project: Driving eco-innovation in Africa: capacity-building for a safe, circular water economy.