

Experts Meeting 23: Home/Family and Climate Change

Understanding the power of home to transform societies in the face of Climate Emergency

Organisers: Home Renaissance Foundation (HRF), Nottingham Trent University (NTU) and the United Nations Department of Economic and Social Affairs (UN-DESA)

Venue: Nottingham Conference Centre, Nottingham Trent University, Nottingham, UK

Date: 28-29 Sep 2023

PARTICIPANTS' BIOGRAPHIES:

Amin Al-Habaibeh is Professor of Intelligent Engineering Systems within the Product Design team at Nottingham Trent University. Amin's research helps reshaping futures by creating a positive impact on individuals and society. He is the Director of the national DTA-Energy (Doctoral Training Alliance) and also the Director of Product Innovation Centre. His research and teaching activities focus on several multi-disciplinary topics in the broad area of product design and innovation, automation, energy, condition monitoring and artificial intelligence. His international research profile and academic activities cover a wide range of countries. Amin has strong links with industry including eight years as the industrial placement adviser and over 25 years of industrial collaboration.

María Jesús Alvarez holds a Ph.D. degree in Agricultural Engineering from the UMP (Universidad Politécnica de Madrid). She is a professor in Operational Research at TECNUN (Universidad de Navarra) in the Management Industrial Engineering Department. Her research activities are in Operations Research applied to logistics and to the improvement of the productivity of the systems. She has been involved in research projects related to logistics and transport supported by public institutions. Lately she has been involved in projects related to business sustainability and Circular Economy. Results are published in scientific journals such as Transportation Research, Journal of Quality Technology, and European Journal of Operational Research. She has worked also with companies improving production and logistics processes. She has been Head of the Industrial Management Department (1996-2003) and Dean of ISSA-School of Management Assistants (2011-2016) of the University of Navarra

Marta Bertolaso is Full Professor of Philosophy of Science and Human Development at the University Campus Bio-Medico of Rome (Italy) and within the CCBIO project at the University of Bergen, Norway. Her expertise in philosophy of science, scientific practice and in philosophy of life sciences with a strong scientific background has allowed her to promote and collaborate in interdisciplinary research and educational projects on complex organized systems and human wellbeing more in general. She is currently focusing her work on the integral development of complex adaptive systems, also mediated by digital technologies. The social impact and the emerging educational challenges for inclusion and sustainable innovation are the main focus of her contribution in institutional and international programs. She currently also collaborates in the Ministry of Health and of the Ecologic Transition in Italy and in the department for Work and Integral Wellbeing of the Vatican. Since 2017 Marta Bertolaso is Editor in Chief of Springer Series on "Human Perspectives in Health Sciences and Technology" (HPS&T) starting in 2018.

Pablo Campos Calvo-Sotelo, PhD in Architecture, PhD in Education and Full Professor of Architectural Composition, San Pablo-CEU University, is an Academician of the Spanish Royal Academy of Doctors and member of the Scientific Advisory Board Gadea Ciencia Foundation. In the field of Architecture and Education he has published and presented internationally since 1989. Author of the concept of “Educational Campus”, Professor Campos has designed numerous Master Plans for universities and their relationship with the city, both in Spain and abroad. Among others: the Campus of the University of Salamanca, Sustainable Campus (competition, Madrid), Campus UNAE (Ecuador) and Campus UAN (Angola). In 2012, he received the Education Leadership Award-World Education (India) for his contribution to education on an international scale.

Jigna Desai is founder and head of the Center for Heritage Conservation at CEPT University. In this role, she collaborates on pioneering international research projects, engages with government, city administration, industries, and communities to inform best practices and policies for heritage conservation. Her overseas work includes heritage monitoring missions, evaluations and advice for the International Council for Monuments and Sites (ICOMOS), World Heritage Committee and World Monuments Fund. She is also a Visiting Professor at Nottingham Trent University, and has written extensively on architecture, heritage conservation and world heritage issues in India. Her most notable book is, *Equity in Heritage Conservation, The Case of Ahmedabad* (Routledge, 2019). Jigna is also a co-founder of a small, award-winning architecture practice, JMA Design Co. where she brings resource conservation perspective to architectural design processes at all scales.

Rowena Hill is a Professor of Psychology in the School of Social Sciences at Nottingham Trent University. Her work builds opportunities to translate evidence and research in to policy and increase knowledge exchange between academics, communities, and organisations. As an active researcher, Rowena’s research areas focus on emergency responders and emergency and disaster management. Her interests can be clustered around the facets of collective action, communication of risk, and humanitarian assistance in relation to psychological health. She is currently the embedded scientist supporting the Climate Change (Civil Contingencies) and Adverse Weather portfolio for the National Police Chiefs Council. She is an ESRC Policy Fellow to the Department of Levelling Up, Housing and Communities on Climate Change, is the Honorary Research Lead for the Fire Fighters Charity and is the Chair of the national Academic Collaboration, Evaluation and Research Group for the National Fire Chiefs Council.

Ilaria Malagrino is a Researcher in Moral Philosophy and Bioethics at Roma Tre University. Ilaria completed her Ph.D. at University Campus Bio-Medico of Rome working on the relationship between mother and foetus. Her research interests lie in the area of pregnancy, motherhood, corporeality, intimacy, home and care. She has collaborated actively with researchers in several other disciplines particularly sociology, psychology, engineering and biology.

María José Monferrer is an accomplished professional with extensive experience in the telecommunications and technology sectors. With a Master of Science’s degree in Telecommunications Engineering from UPV (Valencia Polytechnic University), María José has a strong business acumen and is proficient in multiple languages. She is an alumna Instituto de Empresa for the International MBA, IESE Business School for the Advance Management Program (PDD) and ESADE for the Women Leadership programme. María José is president and co-founder of Alverse, promoting Artificial Intelligence. Associate professor at UC3M Universidad Carlos III de Madrid. She is part of the Scientific Advisory Board of Fundación Gadea. She is the co-founder and former Vice-president of EJE&CON (Association for Executive and Board Members), where

she leads the ForoTech. She also has served as the Chair for the BT Spain Gender Equality Network. With over 25 years of international professional experience, her key areas of expertise include leading change through commitment, transforming business models to enhance customer experience, and recognizing innovation as a crucial factor for success.

Marcella Trombetta is Dean and founder of the Department of “Science and Technology for Sustainable Development and One Health” of the Università Campus Bio-Medico di Roma (UCBM). Since 2006 she is Full Professor of Principles of Chemistry for Applied Technologies. Since 2023 she is member of the scientific technical committee of the “One Health” parliamentary intergroup of the Chamber of Deputies of the Italian parliament. In 2017-2023 she was constituent of the “National Commission for the prediction and prevention of major risks” of the Presidency of the Council of Ministers for the sector of the chemical, nuclear, industrial and transports risks). In 2018-2021 she was member of the Technical Health Committee, “section for the evaluation of biotechnologies” of the Ministry of Health as expert in Biotechnology of the Department of Civil Protection. In 2014-2018 she was constituent of the “Consiglio Superiore di Sanità” (National Health Council) of the Ministry of Health. In 2014-2020 she was President of the Master’s Degree in Chemical Engineering for a Sustainable Development at UCBM. In 2013-2016 she was Vice-Dean of the Department of Engineering at UCBM.

Bridgette Wessels studied Sociology and the Sociology of culture at the Universities of Durham and York. She then went to the University of Sussex to undertake doctoral research in the innovation and use of telematics – one of the early community-based developments of the Internet and WWW. The sociological study of the Internet and WWW was in its infancy and she was part of an innovative research environment that fostered interdisciplinary research into the WWW in social contexts. After undertaking two Post-doc research projects at the Universities of Durham and Newcastle, she took up her first lecturing post at the University of Sheffield becoming Reader in Digital Sociology in 2014. She founded and ran the Centre for Interdisciplinary Research in Socio-Digital Research at Sheffield (IRiS). She was Professor of Sociology at Newcastle University before becoming Professor of Social Inequality at the University of Glasgow. At Glasgow, she founded the Glasgow Social and Digital Change Group – with Professor Andy Hoskins – and they work with Dr Catherine Happer and Dr Justine Gangneux in co-ordinating that Group.

ORGANISERS:

