



## PLANTECH2018 SPEAKERS' BIO



### **Dr Maria Carvalho, Policy Analyst, LSE**

Maria is a Policy analyst for the Grantham Research Institute on Climate Change & Environment (GRI), focusing on energy and climate policies for the EU (including implications of Brexit), along with North American policy engagement. Maria holds a PhD with the Geography and Environment Department at the LSE (2015), where her dissertation focused on political economy issues involved with policy support for innovating, manufacturing and diffusing clean energy technologies. Prior to her PhD, Maria worked for New Energy Finance (later acquired by Bloomberg) for two years in the Carbon Markets team, where she is focusing on factors that affected climate investments into the energy sector in developing countries.

She has consulted for the World Bank, the Overseas Development Institute, the UN Commission on Trade and Development, World Intellectual Property Organization, and UCL's Green Economy Policy Commission.



### **Artur Carulla, Partner, Allies and Morrison**

Artur joined Allies and Morrison in 2003 having previously worked in New York. Artur was appointed as a Director of the practice in 2010 and became a Partner in 2015. Artur has remained involved across the whole range of the practice's work, leading a number of cultural, educational, residential and commercial projects from concept to delivery. Artur is the Partner responsible for Allies and Morrison's proposals for the new town centre of Elephant and Castle, a two million square feet residential led development which also includes a multi storey retail centre, a new underground station, a cultural venue, a new building for the London College of Communications and the headquarters for the University of the Arts London. He has also led the expansion of Allies and Morrison's studios and a residential tower in its vicinity, projects where the practice acted both as architect and developer.



### **Yelena Coleman, Future Cities Catapult**

Yelena leads the Urban Technology Team at Future Cities Catapult, which builds innovative concepts and ideas into different types of working prototypes to be deployed across cities. These pilot projects are in response to urban challenges that need to be addressed, and once scaled can be used to improve life in cities. Yelena draws on her 16 years of experience in the tech and IoT arena across various industries in Europe, Asia and Africa.



### **Mark Farmer, CEO, Cast Consultancy**

Mark has nearly 30 years of experience in the construction and real estate sectors and has become a recognised commentator and thought leader on a variety of issues. Mark has been at the forefront of emerging UK residential market segments such as Build to Rent and Later Living. He is also playing a leading role in modernising the construction industry through the adoption of greater levels of pre-manufacturing using more integrated and digitally enabled delivery models. Mark is a member of the RICS, Vice Chairman of the ULI UK Residential Council, a member of the BPF Build to Rent sub-committee and co-chairman of Constructing Excellence. Mark authored the October 2016 UK Government Review of the Construction Labour Market Model entitled 'Modernise or Die'.



### **Gyorgyi Galik, Senior Designer at Umbrellium**

Gyorgyi is in last year of PhD studies in Innovation Design Engineering, School of Design at the Royal College of Art in London and works as a Senior Designer at Umbrellium. With a background in strategic design, social science and environmental health, Gyorgyi has designed, led and managed a variety of projects in North America, Asia and Europe - working in organisations ranging from small start-ups and individual communities to large corporations and city governments. With PAN Studio and Tom Armitage, she was nominated in the Digital Category of the Design Museum's 'Design of the Year 2014' Award for our project, Hello Lamp Post. As a speaker, curator and organiser, I have participated in numerous workshops, industry events and academic conferences on people-centered design and the assumptions around behaviour change relating to low-carbon transition.



### **Joyeeta Das, CEO and Founder, Ghana**

Joyeeta Das is an entrepreneur that built a career in the technology sector. Her early work was defined by progress in the engineering and program management ranks in Fortune Ten tech companies. She founded and exited two successful startups, one in tech sector and one in non-profit. She holds a degree in Electronic Engineering as well as a degree in Physics and an MBA from Oxford University where she was awarded the Said Scholarship and also received a Fellowship for the Entrepreneurship Centre. Joyeeta is in "MIT 35 under 35" shortlist, a Tedx speaker and is also an ambassador for Innovate UK's "Women In Innovation", she volunteers with numerous charitable organisations and has been selected to be a diplomatic representative at UK-Brazil/ Canada/USA trade delegations. She received such awards as "Top 100 techie in UK" by MSDUK 2017, "Top 100 Asian Tech Stars in UK Tech" 2017, "Top 10 Women in IT" 2018.



### **Leon Daniels, Adviser to 5AI, former head of surface transport, TfL**

Leon Daniels has had a long and varied career across the private and public sector. Most recently, he has spent the last 7 years as Managing Director Surface Transport at Transport for London. In this time, Leon worked under two Mayors, and in 2012 he was responsible for the successful delivery of transport for the London 2012 Olympic Games. Since then he has also been responsible for numerous major events in London and has also been in charge during significant unexpected events including loss of life. Leon has contributed significantly to progressing the thinking on road and vehicle safety, efficiencies, the social effects of autonomous vehicles and technical developments generally on road and rail. With a deep understanding of London's social and cultural history he has also worked to ensure the lessons of the past are fully recognised in the plans for the future. Leon Daniels retired from Transport for London at the end of 2017. He now devotes himself to helping organisations and individuals internationally in the areas of his expertise.



### **Kadine James, 3D Tech Lead, Hobs Studio**

Learner, maker, innovator & 3D technology enthusiast, Kadine James is Hobs studios 3D Tech Lead. Combining 6+ years' experience in 3D Printing, Virtual Reality, Augmented Reality and Mixed Reality she's driven by big ideas, a global mindset and empowering the use of 3D printing in art and architecture. Kadine collaborates with international galleries, leading contemporary artists and architects, and sets out to create a platform for 3D printing VR/AR/MR learning opportunities for young. Kadine is a STEM ambassador and technology correspondent with Planning TV. She specialises in immersive experiences for broad and diverse audiences and leads the 3D Academy which delivers career pathways in 3D printing VR/AR/MR at Hobs studios with The Mayor of London and London Legacy Development Corporation.



### **Pete Ferguson, CEO, Prospective Labs**

CEO and Co-founder at Prospective Labs Ltd ([www.prospective.io](http://www.prospective.io)). Honorary Research Associate at the Centre for Advanced Spatial Analysis, UCL. 10 years' experience working across real estate development, planning, architecture, transportation and urban design.



### **Euan Mills, Urban Futures Team Lead, Future Cities Catapult**

Euan is an Urban Designer with 16 years' experience working in the built environment industry. He spent 6 years providing design advice to the Mayor of London and his planning team and contributed towards a number of key planning policy and research documents. Before this he worked at Urban Initiatives developing master plans and regeneration strategies for public and private sector. Euan has also set up the Chatsworth Road Neighbourhood Forum and Traders and Residents Association.



### **James Nettleton, Principal, InMotion Ventures**

James Nettleton is a Principal at InMotion Ventures, the venture capital arm of Jaguar Land Rover. InMotion invests in early stage transport and mobility companies globally.



### **Nissa Sahdid, Future Cities Catapult**

Nissa joined Future Cities Catapult with over 3 years' experience in planning and development within the private sector, where she has successfully managed and acquired planning permission for a range of commercial, retail and residential projects. Nissa has been instrumental in pushing forward the Future of Planning programme by supporting the Future of Planning Sounding Board and bringing her practical knowledge to the development of digital planning prototypes and our future vision of the planning system.



### **Will Squires, Digital Lead – Cities & Development, ATKINS**

Will is an unusual combination of data scientist, engineer, planner and strategist. Passionate about cities, data, digital engineering and the impact of emerging technology on construction and the built environment, Will's career has taken him from managing design teams for Crossrail, via leading the digital transformation of Atkins' Building Design business, into working closely with key clients to help transform how they use technology in design. From a background in civil engineering, Will studied at the Centre for Advanced Spatial Analysis (CASA) at University College London for an MSc in Smart Cities & Urban Analytics, with his research focusing on real-time city data, generative and predictive modelling, virtual reality and immersive technology, and the impact of development on infrastructure systems. In his spare time, he moonlights as a food and travel journalist.



### **Stefan Webb, Head of Projects, Future Cities Catapult**

Stefan leads the design, development and delivery of projects across the Future Cities Catapult. Stefan has worked with Greater Manchester to create a new way to understand infrastructure capacity and its relationship with new development, as well as leading the Future of Planning Programme. Stefan has degrees in Sociology, Politics and Urban Regeneration. Before joining the Future Cities Catapult he worked for including the Greater London Authority where he worked on spatial policy and strategy for the Thames Gateway and Olympic Legacy development.



### **Daniel White, Co-Founder & CEO, The Behaviouralist**

Daniel White is a behavioural and environmental expert with extensive experience of devising and delivering successful innovations and randomised controlled trials to the benefit of communities. His creation of abseiling insulation, for instance, created a new £30m industry for the UK. Over the last 10 years, Dan has been at the forefront of applied behavioural science. He managed the UK's first Energy Natural Field Experiment and was previously CEO and Co-Founder of The Behaviouralist. He also lectures at University College London in applying field experiments to change energy consumption behaviour.