



**Franco-British  
bilateral workshop  
on ICT in Future Cities**

**14-15th May 2014**

**The Residence of France, London**

*(Picture: Paris from space, NASA)*

SCIENCE & TECHNOLOGY DEPARTMENT  
FRENCH EMBASSY



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**RÉPUBLIQUE FRANÇAISE**

# Franco-British bilateral workshop on ICT in Future Cities

14-15th May 2014

The Residence of France  
11 Kensington Palace Gardens  
W8 4QP London

## Introduction

The Science and Technology department of the French Embassy in the United Kingdom would like to invite British and French stakeholders to a free 2-day symposium on ICT in Future Cities.

## About the Workshop

The workshop aims to exchange best practices from the two countries and to:

- bring together all stakeholders working in the area of ICT for Future Cities;
- exchange and share information about the new future cities landscapes in each country;
- share views on regulatory, legal, governance and ethical questions (national and European);
- explore possibilities of collaborations, in particular in the following subjects: **interoperability, open data, e-infrastructures, co-funding, legal frameworks...**

## Purpose

The outcomes of the workshop will help to draft a picture of the current situation and to explore the possibilities for increased cooperation between the two countries. The workshop will also target innovation opportunities for industry. The outputs will be fed into a range of Government agencies, the research community and a variety of industrial stakeholders and will help inform funding agencies of opportunities relevant to the field of ICT and Future Cities.

## Background

In 2008 we crossed a threshold. More than one in every two people worldwide now lives in a city. All the indicators concur that 70% of the world's population will be urban by 2050. In the face of this change, there are many challenges to tackle. How can we control our cities' environmental footprint and prevent congestion in services and public infrastructures? The city of the 21st century – in addition to the challenges posed by demography – must evolve under the constraints of the new digital technologies: **mobility, real time and customized service.**

In addition to intelligent citizens, who are increasingly consumers and producers of data, the Internet of Things revolution is taking shape. Today, in the space of three days, humanity produces a volume of data comparable to all the data produced in 2000 years. While the size of this volume of data already poses genuine management challenges – a problem well known under the name big data –, it is nevertheless limited by controlled growth in the number of human users and an average of three terminals per individual. The speed of change becomes really vertiginous if one considers that, in the coming years, all sorts of electronic devices – garbage cans, streetlights, pacemakers etc. – will issue reports on the Internet by themselves. **This transition will mean 50 billion devices being connected by 2020 and will propel cities further towards their new reality.**

# Speakers and chairmen\*

*His Excellency Bernard Emié, Ambassador of France,*

*The Rt Hon David Willetts MP Minister of State for Universities and Science,*

*and:*

Mr	Laurent	Andriantsiferana	Cisco Strategy & Innovation
Mr	Trino	Beltran	Bouygues Batiment International
<b>Prof.</b>	<b>Tim</b>	<b>Broyd (7)</b>	<b>UCL</b>
Mrs	Florence	Castel	Advancity
Mrs	Anne	Charreyron Perchet	Ministry of Ecology, Sustainable Dev. & Energy (Fr)
Prof.	Min	Chen	University of Oxford
Mr	Jérôme	Coutant	Société du Grand Paris
Mr	Joe	Dignan	Bristol City Council
Ms	Ina	Dimireva	Opportunity Peterborough
Mr	Michael	Duff	WSP Future Cities
Mr	Tony	Greig	Legrand Electric UK
Prof.	Andrew	Hudson-Smith	Centre for Advanced Spatial Analysis, UCL
Mr	Mark	Kleinman	Greater London Authority
Mrs	Nathalie	Leboucher	Orange
<b>Mr</b>	<b>Allan</b>	<b>Mayo (5)</b>	<b>SIMR</b>
Mr	Michael	McLaughlan	Glasgow City Council
<b>Dr</b>	<b>Fawzi</b>	<b>Nashashibi (6)</b>	<b>INRIA</b>
<b>Mr</b>	<b>Guillaume</b>	<b>Pasquier (4)</b>	<b>Etablissement public Paris-Saclay</b>
Mr	Julien	PESTOURIE	EDF R&D
Mr	Alain	Renk	Institut Carnot
<b>Mr</b>	<b>Peter</b>	<b>Reynolds (3)</b>	<b>Future Cities Catapult</b>
Miss	Marie-Anne	Serve	Grand Lyon
Mr	Pierre	Simay	Institut Mines-Télécom
Dr	Souheil	Soubra	CSTB
Mrs	Sylvie	Spalmacin-Roma	IBM
Ms	Tracey	Stone	Autodesk Limited
Dr	Marek	Suchocki	Autodesk Limited
<b>Mr</b>	<b>Christian</b>	<b>Tordo (2)</b>	<b>Metropolis Nice Cote d'Azur, Epa Eco-vallée</b>
Mrs	Sarah	Tromans	The Technology Strategy Board
Mr	Simon	Williams	QuantumBlack
<b>Mr</b>	<b>Stephen</b>	<b>Low (8, Closing)</b>	<b>Knowledge Transfer Network</b>

*(\*) chairmen are in bold, session number following inside the brackets.*

# Programme

## Wednesday May 14<sup>th</sup>

### National policies, incubators and demonstrators

12:00	<i>Opening and registration lunch</i>
12:50	<i>Welcome from His Excellency B. Emié, Ambassador of France to the United Kingdom</i>
<b>Session 1</b>	<b>National strategies to address a global opportunity</b>
13:00	<ul style="list-style-type: none"> <li>• <i>The Rt Hon David Willetts MP Minister of State for Universities and Science</i></li> </ul>
13:15	<ul style="list-style-type: none"> <li>• <i>Anne Charreyron-Perchet, Ministry of Ecology, Sustainable Development and Energy. Vivapolis : a French initiative to promote sustainable urban development at international level</i></li> </ul>
<b>Session 2</b>	<b>Flagship institutes: implementing policies, innovation and research</b>
13:30	<ul style="list-style-type: none"> <li>• <b>Technology Strategy Board</b> – Sarah Tromans, Lead Specialist, Future Cities</li> </ul>
13:45	<ul style="list-style-type: none"> <li>• <b>Advancity</b> – Florence Castel, Managing Director: the Sustainable Cities Cluster to foster, strengthen and reinforce the quality of the French offer based on research &amp; innovation</li> </ul>
14:00	<ul style="list-style-type: none"> <li>• <b>Catapult Centre Future Cities</b> – Peter Reynolds, Executive Director of Innovation and the Cities Lab</li> </ul>
14:15	<ul style="list-style-type: none"> <li>• <b>Institut Mines Telecom</b> (Carnot Telecom and digital society) - Pierre Simay, International Research Cooperation Manager</li> </ul>
14:30	<ul style="list-style-type: none"> <li>• <b>Q&amp;A – chair of session 2: Christian Tordo</b></li> </ul>
14:40	<i>Break and refreshments</i>
<b>Session 3</b>	<b>Major city demonstrators: testing interoperability, scalability and leadership</b>
15:30	<ul style="list-style-type: none"> <li>• <b>Greater Lyon</b> – Marie Anne Serve, Smart City Project Manager : Grand Lyon Smart City, a Metropolis strategy</li> </ul>
15:45	<ul style="list-style-type: none"> <li>• <b>Glasgow</b> – Michael McLaughlan, Programme Director, Glasgow Future Cities Demonstrator: ‘Glasgow’s Journey to a Future City’</li> </ul>
16:00	<ul style="list-style-type: none"> <li>• <b>Société du Grand Paris</b> – Jérôme Coutant, Digital Project Manager</li> </ul>
16:15	<ul style="list-style-type: none"> <li>• <b>Greater London Authority</b> – Mark Kleinman, Head of Business and Policy Unit</li> </ul>
16:30	<ul style="list-style-type: none"> <li>• <b>Greater Nice</b> - Christian Tordo, President of “Etablissement Public d’Aménagement de la Plaine du Var”</li> </ul>
16:45	<ul style="list-style-type: none"> <li>• <b>Q&amp;A – chair of session 3: Peter Reynolds</b></li> </ul>
17:00	<i>End of day 1</i>

# Programme

## Thursday May 15<sup>th</sup>

### Emerging technologies, case studies and prospects

08:30	<i>Day opening and registration</i>
<b>Session 4</b>	<b>Intelligent infrastructures : an ecosystem for the city</b>
09:00	<ul style="list-style-type: none"> <li>• <b>SIMR</b> - Allan Mayo, director: intelligent infrastructures, making the link between national policy and local delivery</li> </ul>
09:15	<ul style="list-style-type: none"> <li>• <b>Orange</b> – Nathalie Leboucher, Senior VP Smart Cities. How Orange transform cities and territories with the support of ICT: some concrete projects</li> </ul>
09:30	<ul style="list-style-type: none"> <li>• <b>Peterborough</b> – Ina Dimireva, Innovation lead: Peterborough DNA</li> </ul>
09:45	<ul style="list-style-type: none"> <li>• <b>Quantum Black</b> - Simon Williams, Chief Executive</li> </ul>
10:00	<ul style="list-style-type: none"> <li>• <b>Q&amp;A – chair of session 4: Guillaume Pasquier</b></li> </ul>
10:10	<i>Morning break and refreshments</i>
<b>Session 5</b>	<b>Smart-citizens and IoT, the bottom-up “data driven” society</b>
10:40	<ul style="list-style-type: none"> <li>• <b>CISCO Strategy &amp; Innovation</b> – Laurent Andriantsiferana, Technology Architect IoT for Cities: Internet of Everything for Smart Cities</li> </ul>
10:55	<ul style="list-style-type: none"> <li>• <b>Institut Mines Telecom</b> - Futuring Cities (Carnot Telecom and digital society) - Alain Renk, architect, Futuring Cities and UFO co-founder</li> </ul>
11:10	<ul style="list-style-type: none"> <li>• <b>Bristol</b> – Joe Dignan, City Innovation Service manager: Bristol, From Smart to Future</li> </ul>
11:25	<ul style="list-style-type: none"> <li>• <b>Paris Saclay</b> - Guillaume Pasquier, Managing Director: Smart campus</li> </ul>
11:40	<ul style="list-style-type: none"> <li>• <b>Q&amp;A – chair of session 5: Allan Mayo</b></li> </ul>
11:55	<i>Networking lunch</i>
<b>Session 6</b>	<b>Real time, autonomous and predictive data analysis to improve urban services</b>
12:55	<ul style="list-style-type: none"> <li>• <b>IBM</b> – Sylvie Spalmacin-Roma, Vice President Europe for Smarter Cities</li> </ul>
13:10	<ul style="list-style-type: none"> <li>• <b>EDF R&amp;D</b> – Julien PESTOURIE, deputy MIRE Department Manager</li> </ul>
13:25	<ul style="list-style-type: none"> <li>• <b>Oxford E-Research Center</b> - Prof. Min Chen: Visual Analytics for Large-scale Information Management</li> </ul>
13:40	<ul style="list-style-type: none"> <li>• <b>Q&amp;A – chair of session 6: Dr. Fawzi Nashashibi</b></li> </ul>
13:50	<i>10 min. break before session 7</i>

Session 7	Monitoring complex urban systems through advanced 3D modelling
14:00	<ul style="list-style-type: none"> <li>• <b>UCL</b> – Prof. Tim Broyd, the barlett Faculty of the Built Environment: BIM - Transforming an Industry</li> </ul>
14:15	<ul style="list-style-type: none"> <li>• <b>Bouygues Construction International</b> – Trino Beltran, R&amp;D and innovation Director: BIM an optimized construction process - the example of Singapore sports hub</li> </ul>
14:30	<ul style="list-style-type: none"> <li>• <b>Autodesk</b> – Tracey Stone, Marek Suchocki : Building Information Modelling, the future of construction</li> </ul>
14:45	<ul style="list-style-type: none"> <li>• <b>CASA UCL</b> - Prof. Andy Hudson-Smith: Visualising Cities – Procedural Modelling, New Data and Virtual Reality</li> </ul>
15:00	<ul style="list-style-type: none"> <li>• <b>CSTB</b> – Dr. Souheil SOUBRA, Director in charge of R&amp;D TIDS. Numerical cities: an innovative tool for debating sustainable urban development projects</li> </ul>
15:15	<ul style="list-style-type: none"> <li>• <b>Q&amp;A – chair of session 7: Prof. Tim Broyd</b></li> </ul>
15:25	Afternoon break and refreshments
Session 8	Going further in technology trends
15:55	<ul style="list-style-type: none"> <li>• <b>Driverless cars</b> – INRIA, Dr. Fawzi Nashashibi, Head of RITS Team : CityMobil, Cybercars for on-demand transportation systems in sustainable cities</li> </ul>
16:10	<ul style="list-style-type: none"> <li>• <b>Smart Health, Silver valley</b> – Tony Greig, CEO Legrand Electric UK : Smart Homes and the Silver Economy</li> </ul>
16:25	<ul style="list-style-type: none"> <li>• <b>Big Data</b> – WSP future Cities, Mike Duff, lead Sustainable Urbanism &amp; Future Cities: how to capitalize on big data?</li> </ul>
16:40	<ul style="list-style-type: none"> <li>• <b>Q&amp;A – chair of session 8: Stephen Lowe</b></li> </ul>
16:50	Closing remarks by Stephen Lowe, Knowledge Transfer Manager, The Knowledge Transfer Network.
17:00	End of Symposium

# Speaker's biographies



## **The Rt Hon David Willetts MP Minister of State for Universities and Science**

David Willetts was appointed Minister for Universities and Science in May 2010. He is the Conservative MP for Havant in Hampshire. David was educated at King Edward's School, Birmingham and Christ Church, Oxford, where he studied philosophy, politics and economics. David began his career in Parliament as the MP for Havant in 1992. He served as Paymaster General and then in the Shadow Cabinet in a range of roles, including Shadow Secretary of State for Trade and Industry, Shadow Secretary for Education and Skills, and Shadow Secretary for Innovation, Universities and Skills. He has also worked at HM Treasury and in the Number 10 Policy Unit.

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## **Mr Laurent Andriantsiferana**

### ***Technology Architect IoT for Cities, CISCO Strategy&Innovation, France***

Mr. Laurent Andriantsiferana is a Technology Architect in Cisco Smart+Connected Communities CTO group. Mr. Andriantsiferana is focusing on technology architecture around Smart Cities and Internet of Things. He has worked on Wireless technologies (WIFI/GPRS/UMTS/LTE/WIMAX), Video and Telepresence systems, Content Based Charging, Deep Packet Inspection, QoS. He participates in ETSI and 3GPP standards. He holds a Master Degree in Computer Science from Universite Paul Sabatier, Toulouse, France.



## **Mr Trino Beltran**

### ***R&D - Innovation Director, Bouygues Batiment International, France***

Trino Beltran is currently the R&D-Innovation Director of Bouygues Batiment International, the international division of Bouygues Construction. He spent 8 years in Hong Kong, where he was in charge of the construction methods department, involved in all the building projects such as HKCECE, Happy Valley, HK Stadium, residential and housing buildings. End of year 2000, he joined the French head office and act as Design Manager on D&B and PPP projects all over the world (Equestrian Club in Jeddah, Olympic stadium in Beijing, Malls in Moscow, Budapest and Kuwait City ...) Now leader of the R&D-Innovation department, he is in charge of the deployment of BIM and related technologies, leading R&D research programs on sustainable construction materials and process and implementation of new technologies (virtual reality, augmented reality, and robotics).



**Prof. Tim Broyd, BSc, PhD, CEng, FEng, FICE, FRSA**

***Vice President, Institution of Civil Engineers, UK***

Tim is Professor of Built Environment Foresight at University College London as well as an Honorary Professor of Civil Engineering at the same university. He recently moved to UCL following a career in industry, and has substantial experience as corporate director of technology, innovation and sustainability for globally operating engineering design consultancies, including both Atkins and Halcrow. In addition he was CEO of construction industry research body CIRIA from 2002 to 2007. Within his new role he works with leading individuals in industry and government to understand and prepare for the challenges and opportunities that lie ahead. This recently included the responsibility for a 'foresight' input to the UK Government's new Construction Industry Strategy as well as currently leading the strategic planning of the UK's development and implementation of BIM. Tim is a Fellow of both the Royal Academy of Engineering and the Institution of Civil Engineers and a Visiting Professor at both the University of Reading and the University of Dundee. He has maintained an active engagement in the development and deployment of BIM techniques for over a decade, is Vice Chairman of BuildingSmart (UK) Ltd and sits on the UK Government's BIM Task Force. He is also a Director of CEEQUAL Limited. He became Vice President of the Institution of Civil Engineers in November 2011, with particular responsibility for Public Voice and Policy, and is scheduled to be President in 2016/7. Professor Broyd graduated from the University of Birmingham with a First Class Honours degree in Civil Engineering, and remained there to study for a PhD in the mixing of salt and fresh waters in natural British estuaries.



**Mrs Florence Nicole CASTEL, Civil Engineer, Water and Forestry**

***General Manager / CEO at Advancity, Sustainable Cities and Mobility Competitiveness Cluster, France***

***Previous Positions:***

Director of Environmental Engineering and Quality at Sté. du Grand Paris, Member of the Executive Committee, 2010-2013

Personal Adviser to the French Minister Christian BLANC, in charge of sustainable development in the Grand Paris, 2008-2010

Deputy Director, Regional Office for Environment, Ile-de-France, 2004-2008

Deputy Director, Regulatory Affairs, Research and Controls Coordination,

General Directorate for Food, Ministry of Agriculture, Fisheries, Food and Rural Affairs, 2002-2004

Head of Biotechnology, Farm Operations and Food Industries, Directorate for Prevention of Pollution and Risks, Ministry of Ecology and Sustainable Development, 2000-2002

Deputy Head, Office in Charge of the Fishery Statistical Information System, Central Office of Statistics, Directorate for Fisheries and Aquaculture, Ministry of Agriculture, 1998-2000

Project Manager, Animal Product Market Analysis, Office of Market Analysis, Directorate for Financial and Economic Affairs, 1996-1998

Engineer/Trainer, Animal Feed and Economics, Animal Science Training Center, Bergerie Nationale, General Directorate for Education and Research, Ministry of Agriculture, 1990-1996

***Education/Training:***

International Visitor Leadership Program, 2004. University Degree in Rural Management, 1990

M.Sc., Agronomy, Concentration in Animal Science, graduate from the Institut National

Agronomique Paris-Grignon, 1989.



## **Mrs Anne Charreyron Perchet**

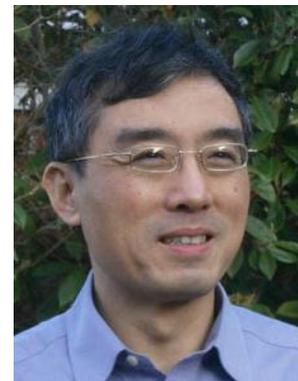
### ***MEDDE/Commissariat Général au Développement Durable Chargée de mission stratégique Ville durable, France***

Anne Charreyron Perchet graduated from Institut d'Etudes Politiques in Paris and from Massachusetts Institute of Technology in Cambridge (USA), with a specialisation in urban planning. She has occupied several positions in the Ministry of Ecology, Sustainable Development and Energy both at the national and regional level as a planner, and in the International and Economic Affairs Directorate. In July 2009, Anne Charreyron Perchet was called at the Department of the General Commissioner for Sustainable Development as senior advisor for sustainable cities. Among her responsibilities, she launched a programme on new technologies with a special emphasis on smart cities. Anne Charreyron Perchet is participating in the smart cities platform of the European Commission and in different working groups at the national and international levels.

## **Prof. Min Chen, BSc, PhD, FBCS, FEG, FLSW**

### ***Oxford e-Research Centre University of Oxford, UK***

Min Chen developed his academic career in Wales between 1984 and 2011. He is currently the professor of scientific visualization at Oxford University and a fellow of Pembroke College. His research interests include visualization, computer graphics and human-computer interaction. He has co-authored some 150 publications, including his recent contributions in areas of volume graphics, video visualization, face modelling, automated visualization and theory of visualization. He has been awarded over £11M research grants from EPSRC, JISC (AHRC), TSB (NERC), Royal Academy, Welsh Assembly Government, HEFCW, Industry, and several UK and US Government Agencies. He is currently leading visualization activities at Oxford e-Research Centre, with a team of researchers working on a broad spectrum of interdisciplinary research topics, ranging from the sciences to sports, and from digital humanities to cybersecurity. His services to the research community include papers co-chair of IEEE Visualization 2007 and 2008, Eurographics 2011, IEEE VAST 2014; co-chair of Volume Graphics 1999 and 2006, EuroVis 2014; associate editor-in-chief of IEEE Transactions on Visualization and Computer Graphics; and co-director of Wales Research Institute of Visual Computing. He is a fellow of British Computer Society, European Computer Graphics Association, and Learned Society of Wales.



## **Mr Jérôme Coutant**

### ***Digital Project Manager, Société du Grand Paris, France***

Former member of the Board of ARCEP (Autorité de régulation des communications électroniques et des Postes), the french telecom and postal regulation authority, Jérôme Coutant is today managing the digital project for Société du Grand Paris, the public Authority in charge of designing and building the Grand Paris Express future subway. Jérôme Coutant is a graduate of the École Supérieure de Commerce de Paris (ESCP), one of the top 3 french business schools. After having begun his career in auditing, he became consultant in information systems for Sema (today Atos). In 1987, he joined Hewlett-Packard to develop the banking-insurance sector and in 1990 the Personal computer division. In 1993, he became the director of Motorola's paging division, and successfully convinced operators to launch paging services for the consumer market. In 1996, Mr. Coutant was appointed Director of Motorola Multimedia Broadband Division for France and Southern Europe and highly contributed to the success of cable operators who launched the first broadband internet access services over the cable TV networks, before ADSL. In 1998 Mr. Coutant was appointed Director of

Motorola's mobile arm and, in 2000, he became the co-founder and President of www.Printperso.com, an online printer which now operates under the name of Veoprint and is the leader in France with more than 10 000 customers among which Lancaster, Vinci, L'Oréal or Christian Dior. In 2002, he joined Caisse des Dépôts, a public financial institution, which had just been commissioned by the French Government to support digital regional development, and was appointed head of this program for the whole of South-western France. In 2007, Mr. Coutant was chosen to head up the digital strategy of the Inter-ministerial land planning and regional development, DATAR (Délégation interministérielle à l'aménagement du territoire et à l'attractivité régionale) and, in July 2009, was recruited to the cabinet by Michel Mercier, the Minister responsible for Rural affairs and regional development, as an advisor on public services and the digital economy. In January 2011, he was appointed member of the Board of ARCEP by the French President and his mandate ended in 2013. He then was appointed manager for the digital project of Société du Grand Paris.

### **Mr Joe Dignan**

#### ***City Innovation Service Manager, Bristol, UK***

Joe Dignan is the founder of a boutique strategy house focusing on smart cities currently working with the City of Bristol delivering smart city programmes. He was previously the Chief Analyst - EMEA Public Sector of Ovum, an international research company leading their Industry Technologies team producing research and analysis on the use of technology in government. He has covered the major areas of technological change in the public sector arena in EMEA and has a personal research focus on the Smart City market. He joined Ovum from Microsoft where he was the World Wide Industry Managing Director for Local and Regional Government. During his thirty years in the business he has been involved internationally in national security, economic development, education and digital enablement. He is a regular speaker including keynotes at Smart Cities Africa, SmarterCities, eIndia, eDubai and an expert speaker for the EC in China.

### **Mrs Ina Dimireva**

#### ***Innovation lead, Peterborough DNA, UK***

Working at Peterborough's economic development company, Opportunity Peterborough, Ina has a leading role in the delivery of the city's Future Cities Demonstrator 'Peterborough DNA'. The programme was awarded a £3m grant from the Technology Strategy Board to demonstrate initiatives that can make Peterborough a future, smarter city. Ina's role involves managing the delivery of the innovation and data strands of Peterborough DNA. Projects such as the Brainwave Innovation Portal and Living Data Portal aim to build and grow the city's innovation community, supported by open data and funding opportunities. Ina holds a BA in European Studies from King's College London and an MPhil in Planning, Growth and Regeneration, awarded by the University of Cambridge.



## **Mr Michael Duff**

### ***Associate Director, Sustainable Urbanism & Future Cities, WSP UK, UK***

Mike is a trained Urban Designer and Sustainability Consultant whose studies have also included Social Psychology & Philosophy, Urban Sociology, Architecture and Sustainability. He has worked as an Urban Designer, a Sustainability Consultant, and a Strategy Consultant, leading multi-disciplinary teams on large scale urban design, regeneration and strategic planning projects, all around the world. Mike leads the Future Cities Initiative at WSP UK, drawing sector expertise from across the breadth of WSP's business units to deliver joined-up thinking for complex urban problems, worldwide. This involves leading project work, research, and developing the business's links with technology companies, management consultants, economists and the public sector, to increase the realisation of forward-thinking urban planning and/or smart cities globally. Mike is a founding member of the Working Group for Sustainable Cities at Harvard University, a Guest Practitioner at the London School of Economics Cities Programme, where he lectures on Systems Thinking, Industrial Symbiosis, Urban Metabolism theory, and the use of Computational Tools in Spatial Planning. He has worked on the MSc Sustainable Urbanism Design Studio at University College London for the last four years, lecturing on Strategic Planning and Smart Cities. Mike is an academician of the Academy of Urbanism, and a Contributing Editor of the Global Urbanist Journal ([www.globalurbanist.com](http://www.globalurbanist.com)).



## **Mr Tony Greig**

### ***CEO Legrand Electric UK/France***

Tony Greig has been with Legrand for 31 years and has held senior management positions in the group in the UK, Canada, France and Australia. Legrand is the global specialist in electrical and digital building infrastructures with a worldwide turnover in excess of 4.5 billion Euros generated via 70 subsidiaries that operate in the residential, commercial and industrial segments of the construction industry. In 2004 he became CEO of Legrand UK and Ireland with responsibility for the companies wiring device, cable management and power distribution businesses. The company has recently created a fourth business unit dedicated to assisted living and healthcare. The UK company, which numbers 500 employees, has its headquarter and national distribution centre in Birmingham and also operates 3 production facilities in the north east of the country where a significant percentage of the companies mechanical, electrical and electronic products are designed and manufactured. A French /British national he is a graduate of Aston University, married with 2 children.



## **Dr. Andrew Hudson-Smith**

### ***Director and Reader in Digital Urban Systems, Centre for Advanced Spatial Analysis, UCL, UK***

Dr Andrew Hudson-Smith is Director and Deputy Chair of the Centre for Advanced Spatial Analysis (CASA) at The Bartlett, University College London. Andy is a Reader in Digital Urban Systems and Editor-in-Chief of Future Internet Journal, he is also an elected Fellow of the Royal Society of Arts, a member of the Greater London Authority Smart London Board and Course Founder of the MRes in Advanced Spatial Analysis and Visualisation at University College London, MSc in Smart Cities and Urban Analytics and the MRes in Smart Cities.



## **Mr Mark Kleinman**

### ***Director, Economic and Business Policy - Greater London Authority, UK***

Mark has more than twenty-five years' experience as a senior civil servant, strategy adviser and thought leader, working in and for central and local government in the UK, including for the Prime Minister, Deputy Prime Minister and Mayor of London, for European and international organisations, for major companies in the private sector and for non-governmental organisations. Mark heads the Mayor of London's Economic and Business Policy Unit, which provides policy support to the Mayor's Office across the whole field of economic and business policy. Mark started his career as an academic including teaching for eleven years at the London School of Economics before becoming Professor of International Social Policy at the University of Bristol. He subsequently took a number of roles in government, including a year in the Prime Minister's Strategy Unit working on migration policy, Head of Housing and Homelessness at the GLA, and Director of Urban Policy for the Office of the Deputy Prime Minister. He has been a consultant to the OECD, the European Commission, the UK Film Council, English Heritage, and many government departments and local authorities. He gave the keynote presentation at the Jane Jacobs Prize Ceremony in Toronto in 2009 as well as lectures and seminars in New York, Boston, Paris, Rome, Bologna, Madrid, Barcelona, Bilbao, Kyoto and Osaka. He is a visiting professor at the Bartlett School of Architecture at University College London, and a Policy Fellow at the Centre for Science and Policy, University of Cambridge.



## **Mrs Nathalie Leboucher**

### ***Senior Vice-President Orange Smart-Cities, France***

Nathalie Leboucher leads the Orange Smart Cities strategic program since 2011. Prior to joining Orange, Nathalie Leboucher was founder and President of Kapsch TrafficCom France, operating on smart traffic telematics solutions and, previously, she was Vice President Development and Partnerships of Paris Rhin Rhône Highways. Nathalie Leboucher, 47, graduated from Ecole Polytechnique, ENSAE and HEC.



## **Mr Stephen Lowe**

### ***Knowledge Transfer Manager for KTN-UK, UK***

Stephen Lowe began his career in research at Mullard Research Laboratories in the UK working on low temperature super conductors, magnetic resonance systems and Hall effect devices. He moved on to the BBC Engineering Designs Department where he developed broadcast television systems for videotape recording and editing. He introduced new recording formats and the systems to support the replacement of the news film cameras by electronic cameras and wireless communications. He left to join a US broadcast equipment manufacturer Ampex, in San Francisco where he developed the customer and staff training programmes for delivery of technical and operations training worldwide. From Ampex Stephen became project director to build the regional television broadcast service Westcountry Television using innovative digital technology and low energy lighting and building systems. He has acted as an expert witness for legal and financial firms dealing with licence disputes and patent applications. He is currently the Knowledge Transfer Manager for KTN-UK working in the Modern Built Environment group.

## **Mr Allan Mayo**

***Adviser to Royal Borough of Greenwich on Smart Cities, and Mentor to Accelerate Cambridge, an Accelerator for Cambridge Start-Ups.***

Allan is a recently retired civil servant from the UK's Department for Business Innovation and Skills. An industrial economist by background, he has unparalleled experience in the development of UK science and technology policy since 1990, when he co-ordinated UK policy on European research programmes, including FP3 and FP4. He then expanded the UK's International Technology Service, opening up global technology opportunities for UK firms through Ministerial Conferences, missions and special advisers in target markets. In 2003 he was instrumental in the establishment of the UK's Technology Agency, the Technology Strategy Board, and developed its strategy until July 2007. Since 2007 he has focused on service innovation and was invited by the EU Commission to Chair an Expert Group on Service Innovation: he presented the report, "The Transformative Power of Service Innovation" to VP Tajani in Rome in 2011. In 2012/13 he developed the UK strategy on smart cities and retired following its successful launch last December. He now advises Greenwich on smart cities and presents widely on the subject.



## **Mr Michael McLaughlan**

***Programme Director, Glasgow Future Cities Program, UK***

Michael McLaughlan is the Programme Director for the Glasgow Future Cities Programme. Michael is an Economist turned technologist and has held senior positions with Deloitte, Amadeus, Hewden and Changing It Ltd. In recent years he has run a number of major business transformation programmes including the Digital @ Diageo programme, replacing the core banking engine for the Student Loans Company, an end-to-end technology re-platform for Travelex, outsourcing of debit cards and ATMs for the National Australia Bank and building a Faster Payments engine for Halifax Bank of Scotland. In his early career Michael lived in the Midwest of the USA, but swapped that for five years in the sunshine with Amadeus in Sophia Antipolis. However, the attractions of returning to his native Glasgow were too much to resist and helping to rebuild Glasgow as a Smart, Future City has been one of the highlights of his career.



## **Dr Fawzi Nashashibi**

***Research Director Head of Robotic and Intelligent Transport Systems, INRIA, France***

Dr. Fawzi Nashashibi, 47 years, is a senior researcher and the Program Manager of RITS Team at INRIA (Paris-Rocquencourt) since November 2010. He has been senior researcher and Program Manager in the robotics centre of the École des Mines de Paris (Mines ParisTech) since 1994 and is an R&D engineer and a project manager at ARMINES since May 2000. He was previously a research engineer at PROMIP (working on mobile robotics perception dedicated to space exploration) and a technical manager at Light Co. where he led the developments of Virtual Reality/Augmented Reality applications. Fawzi Nashashibi has a Masters Degree in Automation, Industrial Engineering and Signal Processing (LAAS/CNRS), a PhD in Robotics from Toulouse University prepared in (LAAS/CNRS) laboratory, and a HDR Diploma (Accreditation to



research supervision) from University of Jussieu (Paris 6). His main research topics are in environment perception and multi-sensor fusion, vehicle positioning and environment 3D modeling with main applications in Intelligent Transport Systems and Robotics. He played key roles in more than 50 European and national French projects such as Carsense, ARCOS, ABV, LOVE, HAVE-it, SPEEDCAM, PICAV, CityMobil... some of which he is coordinating. He is also involved in many collaborations with French and international academics and industrial partners. He is author of numerous publications and patents in the field of ITS and ADAS systems. His current interest focuses on advanced urban mobility through the design and development of highly Automated Transportation Systems. This includes Highly Automated Unmanned Guided Vehicles (such as Cybercars) as well automated personal vehicles. In this field he is known as an international expert. Since 1994 he is also a lecturer in several universities (Mines ParisTech, Paris 8 Saint-Denis, Leonard de Vinci Univ. - ESILV, Telecom Sud Paris, INT Evry, Ecole Centrale d'Electronique,...) in the fields of image and signal processing, 3D perception, 3D infographics, mobile robotics and C++/JAVA programming. He is member of the International Transportation Research Board ITS Committee on Vehicle Highway Automation (AHB30).

### **Mr Guillaume Pasquier**

***Etablissement public Paris-Saclay, Smart Campus Managing Director, France***

Guillaume Pasquier is a graduate of Sciences Po Paris and Ecole des Mines de Nancy. He was appointed Chief Executive Officer of the Paris-Saclay Development Authority in 2010, after heading up the preparatory mission for the Development Authority. Previously, he was advisor to the Secretary of State for development of the French capital region. From 2000 to 2004, he held various positions in the private sector and from 2004 to 2007 he was chief of staff of a congressman, mostly working on policies to foster economic cluster development in France.



### **Mr Julien Pestourie**

***Deputy head of Department "Measurements and Information systems of Electrical Networks" EDF, France***

Julien PESTOURIE is Deputy head of Department "Measurements and Information systems of Electrical Networks" at EDF R&D. The activities of the department cover the entire life cycle of electrical grids, including: dependability assessment, optimised asset management, advanced metering solutions, automatic reconfiguration of distribution networks which take into account renewable energy development, planning of information systems, standardization work, power quality and impact of new end uses for electricity, such as the electric vehicle. Previously, he was the "power systems and grid connection" team manager in the department EFESE (Economic and Technical Analysis of Energy Systems) at EDF R&D. He received his Electrical Engineer's degree from the Ecole Centrale Marseille, France, in 2001. In the same year, he joined EDF R&D. He performed several studies in the field of dependability of HV, MV electrical network equipment or systems (substations, overhead lines ...). He was in charge of TF CIGRE dealing with "Management of risks due to load-flow increases in transmission overhead lines". Then he was a researcher in the field of Ancillary Services and power systems.



## Mr Alain Renk

***Institut Mines Telecom, Futuring Cities (Carnot Telecom and digital society)  
Futuring Cities and UFO co-founder, France***

Alain Renk is an architect and an entrepreneur. He is strategic advisor for the digital city for Mines-Telecom Institute, partner of Futuring Cities, co-founder of UFO Urban Fabric Organisation and R+P architects. Alain Renk has a passion for the fractal hybridisation of both virtual and physical worlds. Since 2000, with his agency R+P, he is one of a very few professionals able to combine operational activities in the digital world (Videogames with Ubisoft) and in the architecture field (Living Lab for Orange R&D). R+P is now working with cities on the concept of "Contributive Cities". In 2010, Alain Renk founded a start-up called UFO to take part in the invention of open and collaborative town-planning. The target of UFO consists in providing the town-planning process with the ability to integrate Collective Intelligence in the creation of cities. Among UFO projects: "urbanD" is a software system for the evaluation and representation of urban quality of life (Winner of the project European Feder) and "Unlimited Cities", an "in situ" (e.g. in the street) consultation tool for citizens concerning the future of a neighborhood.



## Dr. Peter Reynolds

***Executive Director, Innovation and the Cities Lab, Future Cities Catapult, UK***

Peter Reynolds is Executive Director of Innovation and the Cities Lab at the Future Cities Catapult. Peter is dedicating to running a world-class technology innovation centre where the best minds, ideas and resources are available to facilitate the development of innovative solutions to cater for current problems, future problems and new needs. Peter joined the Future Cities Catapult from the Massachusetts Institute of Technology where he was a Research Scientist focused on digital strategy and innovation, customer-centric design, and IT-based transformation. Peter holds a PhD in Strategy and Entrepreneurship. Prior to his PhD research, Peter spent 5 years as the Chief Technology Officer at the Commonwealth Bank of Australia. Peter is on the editorial board of the Journal of Information Technology (JIT). He has written several publications including 'Designing Digital Products and Services that Customer Want' and 'Outsourcing Cloud Services: The Great Equalizer for SMEs?'



## Ms Marie-Anne Serve

***Smart City Project manager, Grand Lyon, France***

Marie-Anne Serve is Smart City Project Manager at the Grand Lyon where she is in charge of coordinating the numerous pilot projects of Greater Lyon Smart City strategy. The focus is to give coherence among the various initiatives in the fields of energy, mobility, water, environment, new ICT services, etc., in order to ensure the economic attractiveness of the territory as well as the citizens' well being. Energy and Environmental Engineer graduate from the National Institute of Applied Science (INSA) of Lyon, she worked in R&D and Innovation Transfer at the Atomic and Alternative Energy Commission at the French Embassy in India, in Lawrence Berkeley National Laboratory in California and at the National Advanced School of Engineering in Cameroon.



## Mr Pierre Simay

***International Research Cooperation Manager, Institut Mines Telecom (Carnot Telecom and digital society), France***

Pierre Simay is responsible for international relations and European affairs at the research & innovation directorate at Institut Mines-Télécom, a federation of major French graduate schools dedicated to higher education, research and innovation in the engineering and digital fields. The Institut Mines-Télécom features around 1400 teaching and research staff and 1700 PhD students. The Institut Mines-Télécom is under the aegis of the Ministry for Productivity. The quality and intensity of its ongoing research in partnerships with public and private organizations were rewarded by two Carnot Institut labels in 2006, renewed in 2011. Every year, 100 business start-ups are created within the schools' incubators. Pierre Simay's role is to support and guide the research labs in the initialization of international R&D partnerships. He is in charge of coordinating R&D partnerships in large European R&D programmes (Horizon 2020, Eureka, ...) from strategic analysis, setting up and managing projects. His role is also to strengthen the transfer of technologies to industries with a specific focus on SMEs in the ICT sector. He is currently involved in a number of national and international R&D policy groups: Open Innovation Strategy and Policy Group (OISPG) at DG CONNECT (European Commission), National Contact Point for SMEs in Horizon 2020 (Ministry of Research), National Horizon 2020 experts groups for ICT and SMEs (coordinated jointly by the Ministry of Research and the Ministry of Productivity), Carnot Institutes European Experts Group. [www.mines-telecom.fr](http://www.mines-telecom.fr)



## Dr Souheil Soubra

***R&D Director CSTB/TIDS, France***

Dr. Souheil Soubra is Deputy Director of the IT department at CSTB. Main fields of interest include Simulation Environments, Building Information Modelling, Geographical Information management, Virtual and Augmented Reality. He is currently managing CSTB's strategic project entitled "Simulation and numerical tools" in the frame of which an innovative immersive space dedicated to Virtual Environments for the construction sector has been put in place. He participated or managed several EC funded projects (Diversity, V-MAN, VISICADE, Create, Intelcity, Intelcities, STREAMER, ...). Souheil Soubra is a member of various expert committees in "Construction IT" and has co-authored several publications and books in this field.



## Mrs Sylvie Spalmacin-Roma

***Vice President Smarter Cities – IBM Europe***

Since July 2012, Sylvie Spalmacin-Roma has been appointed as the Vice President for Smarter Cities in Europe, after 2 years experience in that area driving smarter cities in France. From 2001 to 2010, she defined the strategic vision and deployment of the IBM portfolio to the SMEs (Small & Medium Enterprises) market as Vice President of General Business for IBM France and for IBM Business Partners in Europe. She began her career in 1981 at IBM research and development laboratory in La Gaude/Nice (France), then she worked in marketing and sales for finance sector in Paris. Her career then turned to developing IBM business with ISVs, partners and SMEs, in London, United States and back in Europe. She has a MBA from ISG (Institute Supérieur de Gestion) Paris, France and



an Engineer degree in Electronic from CPE, Lyon, France. She is a member of the Economic development board of Nice Côte d'Azur Metropolis, France.

### **Mrs Tracey Stone**

#### ***Senior Infrastructure Specialists Lead EMEA, Autodesk, UK***

Tracey Stone has worked in the GIS and Infrastructure industries for a total of nearly 18 years now. Working for MapInfo (now Pitney Bowes MapInfo) a longstanding location intelligence company for ten years and then moving onto Autodesk in 2006 where she has held various positions within the infrastructure design environment. Tracey has a focus on BIM (building information modeling) and how that applies to an infrastructure environment. Tracey's current role in Autodesk is an EMEA wide position as the Senior Infrastructure Product Sales Specialist team lead focused on driving BIM for Infrastructure in practice across EMEA within Autodesk's design clients



### **Mr Marek Suchocki**

#### ***ENI EMEA Sales Development Executive, UK***

Marek Suchocki holds a degree in Civil Engineering and works as a Sales Development Executive for Autodesk assisting end clients and major customers based in the EMEA region to exploit model based design technology and processes. He is a Chartered Engineer, Chartered IT Professional, a Fellow of the British Computer Society, and a Member of the Institution of Civil Engineers and Institution of Civil Engineering Surveyors. He is the chairman of Construct IT, sits on the management board of BIM4IUK, Institution of Civil Engineers Information Systems Panel, the British Standards B555 committee for construction processes, design, modelling and data exchange, and is involved with the UK Government BIM task force. He has over 20 years' industry experience in the UK and Europe, having worked for two multi-national engineering consultancies, a major UK contractor, an infrastructure client and a Quantity Surveying practice, as well as spending four years as a Research Fellow at the University of Reading.



### **Mr Christian Tordo**

#### ***Deputy Mayor of Nice in charge of economic development and digital innovation, President of Epa Eco-Vallée, France***

Monsieur Christian TORDO has been General Manager of the French subsidiary of Texas Instruments Inc from 1994 to 2013. He joined Texas Instruments in 1977 and his duties have included Financial Responsibility for the French subsidiary and the European Organisation. He holds also several responsibilities at regional level as President of the non profitable organisation named Telecoms Valley, centered in the Sophia Antipolis Science Parks from 1997 to 1999. He also was elected President of UPE 06 – MEDEF 06, the French Association of Industry leaders from 2004 to 2006. He is also member of the Chamber of Commerce and Industry for Nice Côte d'Azur and member of the Supervisory Board of the Côte d'Azur Saving Bank (CECAZ). Since December 2009, he is President of the board of the EPA-EcoValley (Etablissement Public d'Aménagement) ie sustainable development project. From March 2008 to March 2014, he was Deputy Mayor of Nice in charge of Finance and Economy, and Deputy President of Nice Côte d'Azur Metropolis in charge of Economic Development.

Since April 2014, he is in charge for both the City of Nice and the NCA Metropolis for Economic Development, Employment, Industry and Digital Innovation.

### **Mrs Sarah Tromans**

#### ***Lead Specialist, Future Cities, Technology Strategy Board, UK***

Sarah Tromans began work at the Technology Strategy Board as project manager for the development of the Future Cities Catapult, a world leading technology and innovation centre designed to help UK businesses to develop high value, integrated urban solutions. Currently, she is Lead Specialist for Future Cities, which invests £30m in the Future Cities sector each year to support UK business to develop the products and services that cities will require in the future, and export them globally. Formerly, Sarah worked at Barclays Bank as Business Manager for Barclays Retail and Business Bank's Chief Operating Officer (RBB COO). Previously, she managed Barclays' involvement in Tech City, a government initiative to create an entrepreneurial technology cluster in East London. During this period, Sarah worked on secondment as a Senior Policy Officer at the Greater London Authority (GLA) developing an evidence base on the existing availability of UK finance at different stages of tech firm growth, and identified current and future funding gaps. She produced a paper outlining policy proposals to make the UK more competitive with the USA, which was published by the GLA in autumn 2011. Sarah has a BA in Government from Cornell University and MPhil in Comparative Government from The University of Oxford. She is a member of the British Standards Institute Smart Cities Advisory Group.



### **Mr Simon Williams**

#### ***Chief Executive, Quantum Black, UK***

Chief Executive and co-Founder of QuantumBlack, an Intelligence firm that helps leadership solve high-value challenges and create products in complex, advanced industries through a unique blend of skills in business strategy, data analytics, software engineering and design. QuantumBlack works internationally with some of the world's most interesting firms in aerospace, urban infrastructure, healthcare, advanced engineering, energy and sports. Prior to QuantumBlack Simon led SmithBayes, a data-driven software firm spun-out from the Vodafone McLaren Mercedes Formula One racing team. Simon started his career in real-time trading systems at Reuters and then product management at ABN AMRO Bank. Simon lives in London with his wife, young family and a rather eclectic iPod. He has a keen interest in cartography, urban design and (as an Arsenal fan) a love of beautiful yet frustrating sport.



# Coming soon

## **Franco-British Telehealth Symposium, 11-12 June 2014 St Thomas's Hospital in Westminster**



UBiFRANCE, French Trade Commission, in partnership with the Science & Technology Department at the French Embassy in the United Kingdom, and with the support of the Telecare Services Association, is proud to present the first Franco-British Telehealth Symposium.

This event will showcase French companies offering telehealth products and services, during a two-day conference which will bring together French and British industry and healthcare professionals. Over the two days, you will hear from key players from both the UK and France on the telehealth and telecare landscape, and will be able to join in panel discussions with leading players at the helm. You will also be able to take advantage of the different networking opportunities throughout the Symposium.

For the programme and to register: <https://www.eventbrite.co.uk/e/franco-british-telehealth-symposium-registration-11035073201>

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