



Blockchains for Social Good

Defining an EU vision and research agenda for distributed ledger technologies applied to sustainability challenges

A workshop organised by EPSC, DG CONNECT, DG FISMA, DG GROW and JRC

21st June 2016 - Venue: VMA1 (CoR), Van Maerlant street n°2, 1040 – Bruxelles

Our Speakers:

Jessi BAKER



Jessi Baker is a designer and technologist. She is the founder of provenance.org, a platform for brands to share the stories and impact behind their products simply at the point of sale. Through applying new technologies, such as blockchain and new forms of digital tags, Provenance helps us all know more about our material world, with the aim of increasing transparency in supply chains and educating everyone on how things are made.

Jessi is an Art and Science hybrid, with a Master's in Engineering from Cambridge University and Design from the Royal College of Art. Across the US and Europe, she has worked with large brands on technology and digital design strategy including Adidas, The Four Seasons, The Guggenheim Museum, Will.I.Am, British Airways and Louis Vuitton. She is an associate researcher at the Intel Institute for Sustainable Cities.

Philip BOUCHER



Philip Boucher is a Policy Analyst at the European Parliamentary Research Centre. His research focusses upon social and ethical aspects of emerging science and technology. Currently, he is working on blockchain applications and technologies for human enhancement, medical recovery and inclusion of people with disabilities. Previous projects include analyses of low-carbon energy controversies and non-military drone development. He holds a degree in Artificial Intelligence and a PhD in Management of Science, Technology and Innovation and held research positions at Manchester Institute of Innovation Research, the University of Nottingham's Centre for Applied Bioethics, and the European Commission's Joint Research Centre.

Primavera DE FILIPPI



Primavera De Filippi is a permanent researcher at the CERSA / CNRS / Université Paris II. She is a faculty associate at the Berkman Center for Internet & Society at Harvard Law School, where she is investigating the concept of governance-by-design as it relates to distributed online architectures, such as Bitcoin, Ethereum, etc.

Philippe DEWOST



Philippe Dewost is an executive with a dual corporate & startup track in high tech and telecom, and has been recognized over the past 15 years as an innovation driven, game changing, and inspiring leader. As Wanadoo co-founder, he helped build Europe's #1 ISP, held senior marketing and business positions in european startups, relaunched Orange France Telecom's home devices business successfully, and ran a Cambridge (UK) imaging startup that was acquired by Apple in 2010.

Matthew GOLBY-KIRK



Matthew is part of IBM's global Blockchain engagement team, within the CTO Europe Office. He is based at IBM's development laboratory in Hursley, England and has worked with IBM for almost 20 years on a variety of integration and middleware technologies. Most recently he spent several years working on IBM Integration Bus in the product development team, responsible for many areas of product functionality. You can email Matthew at mgk@uk.ibm.com.

Vinay GUPTA



Vinay Gupta is a technologist and policy analyst with a particular interest in how specific technologies can create or close off avenues for decision makers. This interest has taken him through cryptography, energy policy, defence, security, resilience and disaster management arenas. Vinay is currently engaged as a strategic architect for Consensus Systems, a New York based technology hub focussed on the ethereum blockchain and its applications.

James HAZARD



James Hazard is a lawyer and the founder of CommonAccord.org. He has practiced law in Paris and Boston, and is a member of the California, NY and Massachusetts bar associations. He is a graduate of Cornell Law School and Brown University.

Martin KÖPELMANN



Martin Köppelmann has been an entrepreneur and thought leader in the blockchain space for more than 3 years. He is the founder of the biggest Bitcoin prediction market, Fairlay, but has shifted his focus to Ethereum and co-founded the decentralized Gnosis prediction market - the first bigger DAPP that went live on Ethereum. Closely related to prediction markets is his work on decentralized market driven governance mechanisms: Futarchy. Beyond the entrepreneurial activity Martin has done research on the economic incentive structure of different consensus mechanisms and scalability solutions via state channels. Martin co-hosts the Ethereum meetup groups in the Silicon Valley and San Francisco. Finally, Martin is well known for his work and research on “basic income on the blockchain: Circles” - a new currency built on top of Ethereum that aims to implement a basic income as monetary policy.”

Robert MADELIN



Robert is since September 2015, the European Commission's first ever Senior Innovation Adviser.

Born in 1957, Robert was educated in England at the Royal Grammar School, High Wycombe and at Magdalen College, Oxford. He has also studied at the Ecole Nationale d'Administration in Paris. A public servant since 1979 in London, Robert has served in the Commission since 1993, and at DG Level since 2004.

Since his initial baptism of fire concluding the GATT Uruguay Round of trade liberalisation in the Cabinet of Vice President Leon Brittan, Robert has led Commission work on investment, Asia-Pacific trade, services and biotech in DG Trade, followed by health, food safety, agricultural innovation and consumer protection (2004-2010) and digital innovation, Internet governance, telecoms unions and media policy (2010-2015).

Robert is an Honorary Fellow of the Royal College of Physicians, London and Visiting Research Fellow at the Department of Politics, University of Oxford.

Catherine MULLIGAN



Dr Catherine Mulligan is a Research Fellow in the Innovation and Entrepreneurship group with a joint appointment to the Department of Computing where she is Associate Director of the [Imperial College Centre for Cryptocurrency Research](#). Dr Mulligan is also a Visiting Fellow at the Glasgow School of Art Institute for Design Innovation ([INDI](#)). She is Imperial lead for the [CREDIT: Cryptocurrency Effects in Digital Transformations](#) research project. She was a co-author for

the [GO-Science report](#) on Distributed Ledgers and their applications outside of financial services. She is an advisor to several governments and multinational corporations globally about the role of digitalisation on economic growth.

Susana NASCIMENTO



Susana Nascimento is a Policy Analyst at the Foresight, Behavioural Insights and Design For Policy Unit, Joint Research Centre (JRC) at the European Commission. The Unit also operates the EU Policy Lab as a safe, collaborative and experimental space, with the goal of embedding forward looking approaches, behaviourally informed policy making, and co-design capacity within European Commission's services. Previously she worked as researcher in CETCOPRA / Centre d'Etude des Techniques des Connaissances et des Pratiques, CIES-IUL / Center for Research and Studies in Sociology, Vitruvius FabLab, and IPSC-JRC / Institute for the Protection and Security of the Citizen. She

holds a PhD in Philosophy from Université Paris 1 Panthéon-Sorbonne and a PhD in Sociology from ISCTE-IUL / University Institute of Lisbon under joint tutorship. Specializing in science and technology studies, her recent focus is on future oriented technology, transdisciplinarity, co-design for policy innovation, open science and technology, citizen engagement and maker cultures.

Amin RAFIEE



Amin has been working closely with the developers of some of the most hyped about blockchain projects since 2013. An active user of bitcoin communities and a respected member that is constantly involved with the dedicated developers and leaders of this exciting industry. With a keen eye for the latest advancements and a diverse background, including Industrial Design, Engineering, R&D, Marketing, International Business, Philosophy and Psychology, in turn providing a strong foundation to understand and communicate with a large number of members across

different fields. A regular speaker at Bitcoin conferences throughout Europe, Rafiee has been helping share the truth, freedom, and choice that Bitcoin and its partner platforms have to offer. An advocate of P2P and decentralization in an otherwise centralized world.

Marco SACHY



Marco Sachy is PhD candidate in Critical Management Studies at University of Leicester School of Management, with a thesis titled 'Money as a Commons - toward a user-managed currency and payment system design.' As a Distributed Ledger Technology designer since 2011, his work on Freecoin (<http://freecoin.ch/>) focuses on the nature of money, decentralized bottom-up trust management and (crypto / complementary)-currency design. Finally, Marco is also active at the level of agile organization management within the context of the Internet of Energy (www.dajie.eu).

Joachim SCHWERIN



Dr. Joachim Schwerin is Principal Economist in the unit responsible for SME access to finance within the Directorate-General Internal Market, Industry, Entrepreneurship and SMEs ("DG GROW") of the European Commission. He is developing the policy approach of DG GROW towards fintech and its applications for SMEs. Moreover, he is in charge of designing policy measures that improve SME access to capital markets as well as alternative forms of finance, including crowdfunding.

Before taking his current position, he was responsible for the coordination between industrial and competition policies on behalf of DG Enterprise and Industry. From the beginning of the financial crisis onwards until now, he has been closely involved in the design of the Commission's policy response, ranging from State aid policy towards the recently adopted Capital Markets Union Action Plan. Joachim Schwerin is a PhD economist and was post doc research fellow at the London School of Economics before he joined the European Commission in 2001.

Brett SCOTT



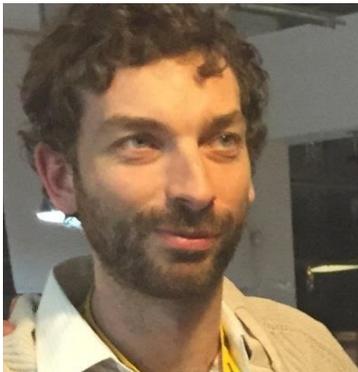
Brett Scott is an independent consultant and researcher in the field of alternative finance and financial reform. He is the author of *The Heretic's Guide to Global Finance* (2013), produced the 2016 UNRISD report on blockchain technology, and has worked with NGOs, student groups and startups. He has written for publications such as New Scientist, Wired Magazine, The Guardian and CNN.com. He is a fellow of the Finance Innovation Lab and an Associate of the Institute for Social Banking. He tweets as @suitpossum

Fabrizio SESTINI



Fabrizio Sestini is Senior Expert in Digital Social Innovation with DG CONNECT of the European Commission. He is leading the multidisciplinary initiative "Collective Awareness Platforms for Sustainability and Social Innovation", which aims at stimulating bottom-up innovative ideas for collaborative platforms exploiting network effects to include citizens, grassroots organisations and civil society in participatory social innovation processes. He is also pioneering a new area of research on distributed architectures for decentralised data governance, leveraging on peer-to-peer and distributed ledger technologies, aiming at creating a level playground for new privacy-by-design applications exploiting the full potential of open data. In his career with the European Commission he has enjoyed launching and managing several research initiatives related to different aspects of Internet research, policies and developments, from a multidisciplinary perspective focusing on the social applications of network technologies. He has a PhD in Information and Communication Engineering and has published some 30 scientific papers. As an IEEE Senior Member he has served on boards organising several scientific conferences. Fabrizio is an Internet Policy Fellow at the University of Cambridge.

Aaron VAN WIRDUM



Aaron van Wirdum (1985) is a journalist who has been writing on Bitcoin and related technologies since 2013. His work has been published on The Economist's Look Ahead, NASDAQ.com, CoinDesk, and more. He joined the first Bitcoin-, cryptocurrency-, and blockchain-focused media outlet Bitcoin Magazine as a staff writer in 2015, where he predominantly focuses on the politics in embedded in these technologies.

Jakob VON WEIZSÄCKER



Jakob von Weizsäcker is a Member of the European Parliament for Thuringia, Germany. Born in 1970, he was educated in Germany, the UK and France, graduating with degrees in physics and economics. After graduation, he held a number of research positions and briefly worked for a venture capital fund. In 2001, he joined the Federal Economics Ministry in Berlin. 2002-2005 he worked for the World Bank in Washington DC. 2005-2010, he was a resident fellow at Bruegel in Brussels. 2010-2014 he headed the department for economic policy and tourism at the Thuringian Ministry for Economic Affairs. In 2014, he was elected to the European Parliament for the social democrats. He is a member of the Committee on Economic and Monetary Affairs and of the Delegation for the Relations with India.

Pindar WONG



Pindar Wong serves as a [Commissioner on the Global Commission on Internet Governance](#) that helps to articulate and advance a strategic vision for the future of internet governance. In 2015, he helped organize Asia's first [Blockchainworkshops.org](#), Phase 1 and 2 of [ScalingBitcoin.org](#) and sponsored the [Hong Kong Bitcoin Roundtable](#). Together with Dr. Shin'ichiro Matsuo, he is establishing the [bsafe.network](#) to promote applied academic research in blockchain technologies.
