

# DATA JUSTICE CONFERENCE



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**Data  
Justice  
Lab**



**21-22 May  
2018**

Cardiff University,  
Cardiff, UK

Sir Martin Evans Building (35)



# WELCOME NOTE FROM JOMECS HEAD OF SCHOOL

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Dear conference participants,



In my role as Head of the School of Journalism, Media and Culture (JOMEC) here at Cardiff University, it gives me great pleasure to welcome you to our city and the Data Justice Conference.

The collection, processing, networking and storage of extraordinary amounts of data is an increasingly contentious concern in public life. With rapid developments in digital media, 'smart' technologies, Internet of Things and Artificial Intelligence, datasets are now a central part of the fabric of contemporary society, effectively transforming the nature of our economy, politics, culture, and everyday life. Such transformations require considered investigation and critique as we come to grips with the opportunities, risks and challenges they present for individuals and communities. This conference provides a necessary occasion to critically reflect on their implications by situating social justice concerns at their centre.

JOMEC is an excellent place for reflection and debate as it combines established research interests on media and journalism with newer debates on digital environments. It is a place of world-leading research and scholarship with both practical training and stakeholder engagement with industry and civil society. JOMEC ranked 2nd in the United Kingdom in the Research Excellence Framework (REF) for the quality of its journalism, media and communications research. The Communication, Culture and Media Studies assessment panel awarded the school the highest possible score of 100% for the impact of its research on the wider world.

The School addresses the challenges of current and future digital environments through a variety of initiatives, including its research group 'Digital Media and Society', MA/MSc programmes in 'Digital Media and Society' and 'Data and Computational Journalism', its Centre for Community Journalism, and a breadth of research on topics ranging from online citizen media and digital activism to digital culture and creative industries, and to internet governance, humanitarian communications and the protection of civil rights on the internet. The Data Justice Lab, which launched last year, builds on and advances this work with its central focus on the social justice implications of datafication.

I wish you an inspiring conference and a good time here at JOMEC and in Cardiff.

**Professor Stuart Allan**  
**Head of the School of Journalism, Media and Culture**



# WELCOME FROM THE CONFERENCE ORGANIZING COMMITTEE

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## DATA JUSTICE CONFERENCE

Welcome to the Data Justice Conference hosted by the Data Justice Lab at Cardiff's School of Journalism, Media and Culture. The 'datafication' of society provides opportunity but also presents serious implications for social and economic inclusion, autonomy, basic freedoms, rights, ethics, trust, systems of accountability, governance and citizenship. This conference brings together an international group of scholars, practitioners and activists who are concerned about the interplay between datafication and social justice.

We are joined by participants from around the globe, including some of the leading thinkers on data justice issues. Over the next two days we will discuss how data affects and intersects with questions of discrimination; social transformation; colonisation and decolonisation; ethics; digital infrastructure; politics; labour; civil society and activism; accountability and democracy. Alongside this, we'll have a number of practical workshops on a range of activities, including critical data making, trust by design, data challenges with AI and a policy hackathon.

We are thrilled to welcome all of you to the conference and also to Cardiff, a city rich in history, culture and social justice work. We hope you enjoy the conference and your time here. As the first Data Justice conference, we also hope this event provides an opportunity for further collaboration and action.

**Lina Dencik, Arne Hintz, Joanna Redden**

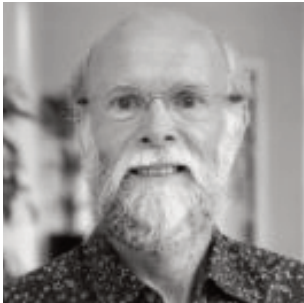


# KEYNOTE AND PLENARY SPEAKERS

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Anita Gurumurthy is a founding member and executive director of IT for Change, where she leads research collaborations and projects in relation to the network society, with a focus on governance, democracy and gender justice. Her work reflects a keen interest in southern frameworks and the political economy of Internet governance and data and surveillance. Anita engages actively with policy makers, practitioners, social movements activists and the academic community to expand and deepen conversations on the public policy imperatives of the intertwining of the digital in all spheres of life. She also directs and draws inspiration from the work of Prakriye, IT for Change's field centre, that works towards promoting women's and girls' leadership and digital capabilities.



David Lyon is Director of the Surveillance Studies Centre at Queen's University, where he also holds a Queen's Research Chair, and is Professor of Sociology and of Law. He is the Principal Investigator of a SSHRC Partnership Grant on Big Data Surveillance (2015-2021). He has authored many books including *The Culture of Surveillance: Watching as a Way of Life* (Polity 2018) and articles relating to surveillance, social aspects of technology, social theory and religion-and-the-secular. Lyon's writings are in 18 languages. His work has been recognized with a number of awards, most recently an honorary doctorate from the Università della Svizzera italiana in 2016 and an award from Queen's for Excellence in Graduate Supervision in 2017. He enjoys time with his children and grandchildren, watercolour painting and riding tandem bicycle with his wife, Sue, a professional potter.



Evelyn Ruppert is Professor of Sociology at Goldsmiths, University of London. She studies how digital technologies and the data they generate can powerfully shape and have consequences for how people are known and governed and how they understand themselves as political subjects, that is, citizens with rights to data. Evelyn is PI of an ERC funded project, Peopling Europe: How data make a people (ARITHMUS; 2014-19). She is Founding and Editor-in-Chief of the SAGE open access journal, *Big Data & Society*. Recent books are *Being Digital Citizens* (co-authored with Engin Isin) published in 2015 and *Modes of Knowing* (co-edited with John Law) published in 2016. She currently holds a Van Doorn Chair and Fellowship at the Department of Social Sciences and Public Administration, Erasmus University Rotterdam and Netherlands Institute for Advanced Study (NIAS).



Rob Kitchin is a professor and ERC Advanced Investigator at the National University of Ireland Maynooth. He is a principal investigator of the ERC-funded Programmable City project and the SFI-funded Building City Dashboards project. He has published widely across the social sciences, including 26 authored/edited books and over 180 articles and book chapters. He was the editor-in-chief of the 12 volume, *International Encyclopedia of Human Geography*, and is presently editor of the journal, *Dialogues in Human Geography*. He was the 2013 recipient of the Royal Irish Academy's Gold Medal for the Social Sciences.



Sasha Costanza-Chock (pronouns: they/them or she/her) is a scholar, activist, and media-maker, and currently Associate Professor of Civic Media at MIT. They are a Faculty Associate at the Berkman-Klein Center for Internet & Society at Harvard University, Faculty Affiliate with the MIT Open Documentary Lab and the MIT Center for Civic Media, and creator of the MIT Codesign Studio ([codesign.mit.edu](https://codesign.mit.edu)). Their work focuses on social movements, transformative media organizing, and design justice. Sasha's first book, *Out of the Shadows, Into the Streets: Transmedia Organizing and the Immigrant Rights Movement* was published by the MIT Press in 2014. They are a board member of Allied Media Projects (AMP); AMP convenes the annual Allied Media Conference and cultivates media strategies for a more just, creative and collaborative world ([alliedmedia.org](https://alliedmedia.org)).



Seeta Peña Gangadharan is assistant professor in the Department of Media and Communications at the London School of Economics and Political Science. Her research interests lie at the intersection of communication policy and social justice. Over the past seven years, she has developed a body of work focused on issues of privacy, surveillance, data profiling, and historically marginalized communities. Her publications include "Digital inclusion and data profiling," published in *First Monday*; "The downside of digital inclusion: Expectations and experiences of privacy and surveillance among marginal Internet users," published in *New Media & Society*; and "Library privacy in practice: System change and challenges," published in *I/S: A journal of law and policy for the information society*. Currently, she co-leads *Our Data Bodies*, a qualitative study of the impacts of data collection and data-driven systems on individuals living in vulnerable neighborhoods in Detroit, Charlotte, and Los Angeles.



Solon Barocas is an Assistant Professor in the Department of Information Science at Cornell University. His current research explores ethical and policy issues in artificial intelligence, particularly fairness in machine learning, methods for bringing accountability to automated decision-making, and the privacy implications of inference. In 2014, he co-founded Fairness, Accountability, and Transparency in Machine Learning (FAT/ML), an annual event that brings together an emerging community of researchers working on these issues. Solon was previously a Postdoctoral Researcher at Microsoft Research, where he worked with the Fairness, Accountability, Transparency, and Ethics in AI group, as well as a Postdoctoral Research Associate at the Center for Information Technology Policy at Princeton University. He completed his doctorate in the Department of Media, Culture, and Communication at New York University, where he remains a Visiting Scholar at the Center for Urban Science + Progress

# PROGRAMME OVERVIEW

Monday, May 21st

8:00-9:00	<b>Arrival and registration</b> Sir Martin Evans Building				
9:00-9:30	<b>Welcome and opening</b> John Pryde Lecture Theatre, Sir Martin Evans Building				
9:30-11:00	<b>Keynote Plenary: Data and Social Transformations</b> Evelyn Ruppert, Rob Kitchin, David Lyon John Pryde Lecture Theatre, Sir Martin Evans Building				
11:00-11:30	Coffee break				
	Room 0.14	Room 0.53	Room 1.20	Room 1.40	Room 0.31a
11:30-1	Data and Ethics	Data and Politics	Data and Labour	Data Politics in a Global Context	Workshop: Critical Datafication
1:00-2:00	Lunch				
2:00-3:30	Data Activism	Data and Theories of Justice	Data in the City	Data on the Border	Workshop: Trust by Design
3:30-3:45	Coffee break				
3:45-5:15	Datafication of Public Life	Colonising and Decolonising Data	Auditing, Explaining, and Accountable Data	Workshop: Data Policies (Room 0.52)	Workshop: Mining Back
5:30-6:15	<b>Keynote: Anita Gurumurthy</b> John Pryde Lecture Theatre, Sir Martin Evans Building				
6:30	Reception at National Museum for Wales				

## Tuesday, May 22nd

<b>9:00-10:30</b>	<b>Keynote Plenary: Data and Discrimination</b> Sasha Costanza-Schock, Seeta Peña Gangadharan, Solon Barocas John Pryde Lecture Theatre, Sir Martin Evans Building				
<b>10:30-11:00</b>	Coffee break				
	Room 0.14	Room 0.53	Room 1.20	Room 1.40	Room 0.031a
<b>11:00-12:30</b>	Questioning Data	Politics of Infrastructure and Design	What and Whose Data?	Civil Society and Data	Workshop: How to Save a Home
<b>12:30-1:30</b>	Lunch				
<b>1:30-3:00</b>	Data and the Environment	Data, Affect and Everyday Life	Predicting Crime	Data Justice in the Workplace	Workshop: Data Investigations
<b>3:00-3:30</b>	Coffee break				
<b>3:30-5:00</b>	Data and Citizen Participation	Data, Indigenous Communities and Activism	Political Economy of Datafication		Workshop: Museum of Random Memory (Room 0.05)

Keynotes and plenaries are held in the Sir Martin Evans Building. All other sessions take place in the Bute Building.

Across both days of the Data Justice conference 'Museum of Random Memory' will host an experimental research space, working with the sonic archives of the departed and the deported. Conference-goers and passersby are invited to participate in experiments of remixing sonic archives and questioning what is remembered, forgotten, or transformed through processes of data archiving (room 0.05).



# DETAILED PROGRAMME

## DAY 1

**8.00 – 9.00**

**Registration**

Sir Martin Evans Building

**9.00 – 9.30**

**Welcome**

John Pryde Lecture Theatre, Sir Martin Evans Building

**9.30 – 11.00**

**Keynote Plenary I: Data and Social Transformations**

Panel: Evelyn Ruppert (Goldsmiths, University of London), Rob Kitchin (National University of Ireland Maynooth), David Lyon (Queen's University)  
Chair/respondent: Seda Gürses (KU Leuven)  
John Pryde Lecture Theatre, Sir Martin Evans Building

**11.00 – 11.30**

**Coffee break**

**11.30 – 13.00**

**Parallel Sessions A**

**Data and Ethics**

(chair: Linnet Taylor)

**Room 0.14**

*Making Data Ethics actionable*

Aline Franzke (University of Duisburg) and Iris Muis (Utrecht University)

*On the Ethicality of Data Ethics:*

*Cases from Utrecht and Singapore University*  
Ingrid Hoofd (Utrecht University)

*What we mean when we say 'ethics'?*

Maya Indira Ganesh (Leuphana University)

*Everyday justice in data science: What can ethics do?*

Marguerite Barry (University College Dublin) and Aphra Kerr (National University of Ireland Maynooth)

*What gives? Sharing the reality of research data ethics*

Kelly Shephard (Institute of Development Studies)

**Data and Politics**

(chair: Iñaki Garcia Blanco)

**Room 0.53**

*Datafication, Feedback Loops and Social Reproduction*

William Jaques (University of York)

*Organisations and Data Justice: Reflections on Political Organisation from the Information Freedom Movement*

Julian von Bargen (University of York)

*Antiracism apps and the politics of data: Antiracism, evidence and the persistence of state violence*

Alana Lentin (Western Sydney University), Justine Humphry (The University of Sydney) and Tanja Dreher (The University of New South Wales)

*Is lack of data protection law in Nigeria contributing to decreasing spaces for freedom of speech?*

Amapamoere Ere (Montford University)

*Artificial Intelligence in news production and distribution: How to deal with bias and trust in media and technology*  
Pieter Verdegem and Mercedes Bunz (University of Westminster)

**Data and Labour**

(chair: Lina Dencik)

**Room 1.20**

*Data justice meets digital labour studies in the age of platform economy*

Yujie Chen (University of Leicester)

*Platform Labour: The Invisible Boss and the Datafied Worker*  
Alessandro Gandini (King's College London)

*Is Uber Really Everywhere? Analyzing Driver Supply & Strategies in Los Angeles*  
Sanna Ali (Stanford University) and Gloria Mark (University of California, Irvine)

*Airbnb and the Internet of Things: An infrastructure of exclusion?*

Karen Gregory (University of Edinburgh)

*Digital Labour, fandom and the platformisation of politics*  
Penny Andrews (University of Sheffield)

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## Data Politics in a Global Context

(chair: Emiliano Treré)

**Room 1.40**

*The datafication of anti-poverty programmes*

Silvia Masiero (Loughborough University)

*Urban Data Justice: Inequality, Exclusion and Datafication in the Global South*

Richard Heeks (University of Manchester) and Satyarupa Shekhar (Citizen Consumer and Civic Action Group)

*Resisting unaccountable state dataveillance: Activist learnings from the global South*

Jane Duncan (University of Johannesburg)

*Of Data Cultures and Data F[r]ictions: Notes on Training, Transformation, and the Decentering Data Futures from Latin American Startup Ecologies*

Anita Say Chan (University of Illinois, Urbana-Champaign)

*Emerging databased democracies in China and India*  
Payal Arora (Erasmus University Rotterdam)

## Workshop

**Room 0.31a**

*Critical Datafication: A Practical Demonstration of tools for critical data making about invisible infrastructures*

Alessandra Renzi, Fenwick McKelvey, Tom Hackbarth (Concordia University) and Evan Light (University of York)

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**13.00 – 14.00**

**Lunch**

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**14.00 – 15.30**

**Parallel Sessions B**

## Data Activism

(chair: Stefania Milan)

**Room 0.14**

*From Agonism to a Politics of Refusal: Three Political Theories of Data Activism*

Morgan Currie (Stanford University)

*HISTORY OF \_RT: arts-based data activism dissecting the 'official' Art History*

Gabriel Pereira (Aarhus University) and Bruno Moreschi (Unicamp)

*Hacktivism and the hacker ethic in the data society*

Silvia Semenzin (University of Milan)

*Our data futures: Towards non-data-centric data activism*

Minna Ruckenstein (University of Helsinki) and Tuukka Lehtiniemi (Aalto University)

*Data Activism and Infrastructural Imagination*

Jonathan Gray (King's College London)

## Data and Theories of Justice

(chair: Fieke Jansen)

**Room 0.53**

*Big Data and the Question of Justice*

Nadine Suttmöller (Europa Universität Flensburg)

*Toward a Conception of Data Violence: Data Justice Beyond Distributions*

Anna Lauren Hoffmann (University of Washington)

*Towards data justice: What kind of justice for what kinds of data practices*

Raphael Gellert (Tilburg University)

*Understanding the risk of data constructivism: Achieving justice by incorporating risk governance*

Tobias Scholz and Volker Stein (University of Siegen)

*In Pursuit of Data Justice: Rights Claims and the Submissive Data Citizen*

Guy Hoskins (University of York)

## Data in the City

(chair: Arne Hintz)

**Room 1.20**

*The Geography of Our Digital Rights to the City*

Mark Graham and Martin Dittus (University of Oxford)

*Experimentality in Data-Driven Governance*

Leah Horgan (University of California, Irvine)

*State-led Gentrification of London and the Case of the Missing Data on Displacees*

Sue Easton and Loretta Lees (University of Leicester)

*Smart cities, data infrastructures and social difference in a new town*

Alan Miguel Valdez and Nick Bingham (The Open University)

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# DETAILED PROGRAMME

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*Visibilities in the city: Defining parameters for big data usage regarding vulnerable urban populations*

Jason Pridmore, Liesbet van Zoonen (Erasmus University) and Alessandro Bozzon (Delft University of Technology)

## Data on the Border

(chair: Maria Kyriakidou)

**Room 1.40**

*Migration research and control in the era of big data*

Linnet Taylor (Tilburg University)

*Visualising Love: Disrupting Migrant Datafication*

Emma Agusita (University of the West of England)

*Border Probes: Experiences with the new Canadian-American Frontier*

Evan Light (University of York)

*Datafication of Mobile Lives: Discrimination through Algorithmic Selection*

Anu Masso (ETH Zürich/University of Tartu)

*Phones or Fingerprints?*

*Seeking asylum in an age of Big Data*

Philippa Metcalfe (Cardiff University)

## Workshop

**Room 0.31a**

*Trust by Design: Foregrounding User Concerns in Emerging Internet of Things*

Ansgar Koene, Stefan Larsson, Derek McAuley, Virginia Portillo, Per Runeson and Lachlan Urquhart (University of Nottingham and Lund University)

**15.30 – 15.45**

Coffee break

**15.45 – 17.15**

Parallel Session C

## Datafication of Public Life

(chair: Joanna Redden)

**Room 0.14**

*Surveillance State by Stealth?*

*The Case of the Public Services Card and Data Privacy in Ireland*  
Cristin O'Rourke and Aphra Kerr (National University of Ireland Maynooth)

*Public spaces in government data use*

Emily Rempel, Julie Barnett and Hannah Durrant (University of Bath)

*Data/infrastructure ownership, and the future of public services in the smart city*

Gunes Tavmen (Birkbeck, University of London)

*Data Ethics: A critical analysis on 'big mother' in datafied nurseries*

Bei Chen (University of Sheffield)

*In Laotianye We Trust: Big Data, Social Credit, and Chinese Governance*

Adam Knight (University of Oxford)

## Colonising and Decolonising Data

(chair: Usha Raman)

**Room 0.53**

*From colonial archives to (post)colonial databases - assembling Education*

*Management Information Systems (EMIS) in Sub-Saharan Africa and post-Soviet Central Asia*

Sarah Fichtner (independent) and Nelli Piattoeva (University of Tampere)

*Decolonial computing, data colonialism and the rise of the social media internet*  
Wendy Willems (London School of Economics)

*Decolonising 'Datafication' Discourse*

Syed Mustafa Ali (The Open University)

*Decolonising Techno-Utopias: Human Failings, Digital Remedies*

Emma Harrison (University of Sussex)

*Data Colonialism and Data Protection Reform:*

*Transnational Advocacy Networks in Latin America*  
Rebekah Larsen (University of Cambridge)

## Auditing, Explaining and Accountable Data

(chair: Rosamunde Van Brakel)

**Room 1.20**

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*Justification and understanding of algorithmic decisions - What can explanations bring?*  
Francien Dechesne (Leiden University)

*Auditing Classifiers*  
William Seymour (University of Oxford)

*Towards Good Data Practice: Making Network Visualisation in Gephi Accountable*  
Daniela van Geenen (University of Applied Sciences Utrecht), Maranke Wieringa and Karin Van Es (Utrecht University)

*Can a Human Rights-Based Approach Add Value to Algorithmic Accountability*  
Lorna McGregor, Daragh Murray and Vivian Ng (University of Essex)

**Workshop**  
**Room 0.31a**

*Mining Back: Data Skills for Researching Corporations and Governments*

Anna Feigenbaum, Tom Sanderson and Daniel Weissmann (Bournemouth University)

**Workshop**  
**Room 0.52**

*Data Policies: Policy Hackathon*  
Arne Hintz and Jess Brand (Cardiff University)

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**17.30 – 18.15**

**Keynote: Anita Gurumurthy (IT for Change)**  
John Pryde Lecture Theatre, Sir Martin Evans Building

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**18.30**

Reception at National Museum for Wales

## DAY 2

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**9.00 – 10.30**

**Keynote Plenary II: Data and Discrimination**  
Panel: Solon Barocas (Cornell University), Sasha Costanza-Chock (MIT), Seeta Peña Gangadharan (London School of Economics)  
Chair/respondent: Helen Kennedy (University of Sheffield)  
John Pryde Lecture Theatre, Sir Martin Evans Building

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**10.30 – 11.00**

**Coffee break**

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**11.00 – 12.30**

**Parallel Sessions D**

**Questioning Data**  
(chair: Seda Gürses)  
**Room 0.14**

*Questioning data universalism*  
Stefania Milan (University of Amsterdam) and Emiliano Treré (Cardiff University)

*The person in the data: Patient subjectivity in the networked clinic*  
Usha Raman (University of Hyderabad)

*Data as Evidence: Towards new ontologies and approaches to provenance*  
Suneel Jethani (University of Melbourne)

*Data Ontology: Semantic Bias in Knowledge Representation Languages*  
Andrew Iliadis (Temple University)

*Making Up People with Data: Dynamic Nominalism and Algorithmic Human Kinds*  
Reuben Binns (University of Oxford)

**Politics of Infrastructure and Design**  
(chair: George Danezis)  
**Room 0.53**

*Ownership and Distributive Justice in Blockchain-based Value Transfers*  
Mattis Jacobs (University of Hamburg)

*Control and sovereignty via blockchains*  
Oliver Leistert (Leuphana University)

*Is design enough? A worked example of privacy and ethics by design in data technology*  
David Barnard-Wills, Rachel Finn and Anna Donovan (Trilateral Research)



# DETAILED PROGRAMME

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## *Data Feminism & Design*

Catherine D'Ignazio (MIT) and  
Lauren Klein (Georgia Institute  
of Technology)

## *Exclusion by design: Exploring the links between social, digital and data exclusion*

Sora Park (University of  
Canberra), John Campbell  
(Australian National University),  
Justine Humphry, and Gerard  
Goggin (University of Sydney)

## **What and Whose Data?**

(chair: Joris Van Hoboken)

**Room 1.20**

## *Of Data, Relationships and Legal Protection*

Nadezhda Purtova (Tilburg  
University)

## *Use of Non-personal Data in Profiling*

Thomas Struett and Elif Sert  
(Istanbul Bilgi University)

## *Towards a unifying taxonomy of personal data, data ownership, and digital privacy*

Yenn Lee (SOAS)

## *Varieties of Consumer Credit Data Regimes:*

## *Conceptualization and Classification*

Inbar Mizrachy Borohovich and  
David Levi-Faur (Hebrew  
University of Jerusalem)

## *Recording data harms*

Joanna Redden (Cardiff  
University)

## **Civil Society and Data**

(chair: Isobel Rorison)

**Room 1.40**

## *Between data and discrimination. European civil society practices in the context of data-driven technologies*

Jedrzej Niklas (London School  
of Economics)

## *It Depends On Your threat Model: Understanding strategies for uncertainty amidst digital surveillance and data exploitation*

Becky Kazansky (University of  
Amsterdam)

## *The Danish Labour Movement, Social Media and Big Data Analytics*

Torsten Geelan (Leicester  
University)

## *Contention and Control: Protest in the age of datafication*

Thomas Poell (University of  
Amsterdam)

## *Questioning participatory action research (PAR) in an era of datafication*

Lynn Schofield Clark (University  
of Denver)

## **Workshop**

**Room 0.31a**

## *How to save a home: Artist/Activist/Research of local authority housing databases and their role in urban regeneration*

Tom Keene (Goldsmiths)

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**12.30 – 13.30**

**Lunch**

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**13.30 – 15.00**

**Parallel Sessions E**

## **Data and the Environment**

(chair: Anna Feigenbaum)

**Room 0.14**

## *Climate Justice and Data Justice: Environmental hackathons and the politics of data*

Adrienne Russell (University  
of Washington) and Matt  
Tegelberg (University of York)

## *Nature and networked space: Conceptual lessons for data justice from environmental literature*

Shazade Jameson (Tilburg  
University)

## *Towards an Environmental Data Justice Framework*

Lourdes Vera (Northeastern  
University) and Dawn Walker  
(University of Toronto)

## *Algorithmic Integrity, Data Provenance and Land Use in Kenya*

James Lowry (Liverpool  
University)

## *Planting seeds for a more equitable future: Data governance in agriculture*

Rian Wanstreet (University of  
Washington)

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**Data, Affect and Everyday Life**  
(chair: Jenny Kidd)  
**Room 0.53**

*Surveillant Anxiety: The Datafication of Affect*  
Adam Kingsmith (University of York)

*Feeling datafication: self-tracked ICTs, mirrored digital traces, and affective intensities of data mining*  
Minna Saariketo (Aalto University)

*The Child as a Datafied Citizen? Datafication, Messiness and Algorithmic Inaccuracy in Family Life*  
Veronica Barassi (Goldsmiths)

*Social construction of algorithms: Advocating users within the discourse*  
Katrin Fritsch (London School of Economics)

*Literacy: The best concept for understanding how we make sense of data and its visualization?*  
Lulu Pinney (University of Sheffield)

**Predicting Crime**  
(chair: Mikkel Flyverbom)  
**Room 1.20**

*Predictive Policing as Preemption?*  
Simon Egbert (University of Hamburg)

*New surveillance technologies in Brazil: The policing of social movements*  
Eduardo Fernandes (Universidade Federal de Rio Grande do Sul/Scuola Normale Superiore)

*Justice, Surveillance and Hybrid Policing in Resource Extraction*  
Julie Uldam (Roskilde University) and Hans Krause Hansen (Copenhagen Business School)

*Police Data as Paradox*  
Stacy Wood (University of Pittsburgh)

*Automated justice: predictive analytics in criminal justice settings*  
Ales Zavrsnik (Collegium Helveticum Zurich/Institute of Criminology Ljubljana)

**Roundtable: Data Justice in the Workplace**  
(Co-organised by DATAJUSTICE and Data & Society)  
**Room 1.40**

Lina Dencik (DATAJUSTICE)  
Aiha Nguyen (Data & Society)  
Jamie Woodcock (Oxford Internet Institute)  
Stefan Baskerville (New Economics Foundation)  
Victor Figueroa (International Transit Workers' Federation)  
Christina Colclough (UNI Global Union)

**Workshop**  
**Room 0.31a**

*Data Investigations*  
Fieke Jansen (Cardiff University) and Christo Buschek (independent)

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**15.00 – 15.30**  
**Coffee break**

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**15.30 – 17.00**  
**Parallel Sessions F**

**Data and Citizen Participation**  
(chair: Natalie Fenton)  
**Room 0.14**

*Datafication of citizen participation in Madrid and Taiwan through Open Source Software-enabled Platforms - Towards a better democracy, or a hackable one?*  
Yu-Shan Tseng (Durham University)

*Me, my data and I: The future of the personal data economy*  
Tom Symons and Theo Bass (Nesta)

*Design for data justice: Building civil engagement through participatory technologies*  
Dawn Walker (University of Toronto)

*Enforcing Equal Benefit and Application of the Law: Turning the Tables on Corporate and Government Accountability through Collective Legal Action and Civilian Data Analysis*  
Joanna Lehrer (J Lehrer Law)

# DETAILED PROGRAMME

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*Citizen social science for data justice*

Alexandra Albert (University of Manchester)

**Data, Indigenous Communities and Activism**

(chair: Alessandra Renzi)

**Room 0.53**

*Indigenous responses to datafication: Indigenous Data Sovereignty movements*

Donna Cormack, Tahu Kukutai, Stephanie Rainie-Carroll, Maggie Walter (Data Sovereignty Network)

*Challenging Knowledge-making in the Extractive Zone*

Dorothy Kidd (University of San Francisco)

*The potential of drones' monitoring for Indigenous communities at risk*

Anna Berti Suman (Tilburg University)

*Creating Barriers to Determination of Structurally Cohesive Subgroups*

Yasmeen Mussard-Afcari and Adam Eck (Oberlin College)

**Political Economy of Datafication**

(chair: Veronica Barassi)

**Room 1.20**

*The political economy of invisible infrastructures*

Rasmus Helles, Signe Sophus Lai and Stine Lomborg (University of Copenhagen)

*The Limits of Relevance: Location Analytics, Geodemographic Targeting, and the Production of Valuable Subjects*

Harrison Smith (Newcastle University)

*Costing the Limits of Surveillance: Rethinking Foucault & Deleuze*

Greg Elmer (Ryerson University) and Bahar Nasirzaeh (University of York)

*Finance and Digital Infrastructure: Tax (and) Climate Considerations*

Patrick Brodie (Concordia University)

**Workshop**

**Room 0.05**

*Museum of Random Memory: Sonic Absences, Rhythmic Presences and the Sound of Forgetting*

Annette Markham, Gabriel Pereira (Aarhus University), Dalida Maria Benfield and Christopher Bratton (Center for Arts, Design & Social Research), Mórna O'Connor (University of Nottingham), Anu A. Harju (University of Helsinki), Robert Ochshorn, Melissa Boucher, DJ Milton Peña, Robert Brooks, Antonio Santos (independent researcher/artist)

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**17.00**

**End**

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# DATA JUSTICE

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## Locations

Keynotes and plenaries are held in the John Pryde Lecture Theatre in the Sir Martin Evans Building. All other sessions take place in the Bute Building.

## Food and Drinks

Coffee, tea and biscuits are available during the coffee breaks in the cafeteria of the Bute building. A lunch buffet is offered to all conference participants in Aberdare Hall (5 minutes walk from Bute building).

## Reception

On Monday evening, 21 May, a reception will be held at the National Museum of Wales (5 minutes walk from Bute building). There will be drinks and snacks for all participants as well as live Welsh folk music.

## Hosts and Sponsors



The Data Justice conference is organised by the **Data Justice Lab**, a centre for research and engagement that examines the intricate relationship between datafication and social justice. The Lab seeks to advance research on the politics and impacts of data-driven processes and big data, and it collaborates with a variety of stakeholders. The Lab is hosted by the **Cardiff School of Journalism, Media and Culture (JOMEC)**, a world-leading centre for media teaching and research. The School offers a wide range of courses at both undergraduate and graduate level. JOMEC was ranked the 2nd school in the UK for the quality of its journalism, media and communications research in the 2014 Research Excellence Framework (REF).



**Cardiff University** is one of Britain's leading teaching and research universities and is a member of the Russell Group of the UK's most research intensive universities. It was ranked 5th in the UK in the 2014 REF. Founded by Royal Charter in 1883, today the University's breadth of expertise encompasses: the College of Arts, Humanities and Social Sciences; the College of Biomedical and Life Sciences; and the College of Physical Sciences and Engineering, along with a longstanding commitment to lifelong learning.



Contribution to the funding for this conference was provided by the **European Research Council (ERC)**. The ERC's mission is to encourage the highest quality research in Europe through competitive funding and to support investigator-driven frontier research across all fields, on the basis of scientific excellence. It has funded the project DATAJUSTICE with a Starting Grant (project no. 759903).



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