



QEI Conference Centre | Westminster, London

Congress 2023 Programme

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Tuesday 17 October 2023

08:00 Registration, refreshments, and exhibition viewing

Opening Plenary: Churchill

1. Session one: The State of Biometrics

Session moderator: Jakob Dam Glynstrup, Chairman and Director, Biometrics Institute

09:00 Welcome

Jakob Dam Glynstrup, Chairman and Director, Biometrics Institute

09:05 Opening remarks

Isabelle Moeller, Chief Executive, Biometrics Institute

09:15 Keynote: 007 we know you are coming

David Birch, Author, Advisor and Commentator on Digital Financial Services

09:30 Keynote: Driving Inclusion through digital identity

Louise Maynard-Atem, Deputy Director Data & Insights (Digital Identity), Government Digital Service

09:45 Impossible crimes: Unless you know about biometrics

Brian Plastow, Scottish Biometrics Commissioner

10:00 Questions and discussion

10:15 Discussion session: The State of Biometrics – current status and future impacts

This session will launch the annual State of Biometrics Report.

- What is the current state of biometrics – opportunities, disruptions, and other developments?
- How will this impact on the future of biometrics?
- What do we need to do now to create a successful biometrics community in the future?

Moderator: Jakob Dam Glynstrup, Chairman and Director, Biometrics Institute

Panellists:

David Birch, Author, Advisor and Commentator on Digital Financial Services

Megan McLarnon, Global Privacy & Data Policy Lead, Meta

Mick O'Connell, Future Direction Group Member, Biometrics Institute

11:00 Close of session

11:00 Refreshments, networking, and exhibition viewing

Plenary: Churchill

2. Session two: Digital identity for border management and seamless travel

Session moderator: Shashi Samprathi, Head of Borders User Group, Biometrics Institute

11:45 Keynote: CBP's vision to enhance border security with an effective identity management framework, leveraging facial biometrics, and expanding international government and industry partnerships

Diane J. Sabatino, Acting Executive Assistant Commissioner, Office of Field Operations, US Department of Homeland Security (DHS), US Customs and Border Protection (CBP)

12:00 Update on the Canadian OBIM

Justin Ikura, Director, Office of Biometrics and Identity Management, Canada Border Services Agency

12:15 Biometrics at eu-LISA – challenges and opportunities

Luca Tagliaretti, Deputy Executive Director, eu-LISA

12:30 An update from the EU

Richard Rinkens, Coordinator for Biometrics, Interoperability and Information Technology, European Commission

12:45 Silver sponsor: Digital identity – the paradox of trust and self-service

Olga Kulyk, Senior Consultant Customer Onboarding, Inverid



12:50 Questions and discussion

13:15 Close of session

13:15 Lunch, networking, and exhibition viewing

Plenary session: Churchill

3. Session three: Responsible use of artificial intelligence (AI) and biometrics

Session moderator: Jakob Dam Glynstrup, Chairman and Director, Biometrics Institute

14:15 Keynote: How do we ensure lawfulness in AI?

Stephen Almond, Deputy Commissioner, Information Commissioner's Office (ICO), UK

14:30 Update on the AI act (via-video link)*Irina Orsich, Team Leader Artificial Intelligence, DG CNECT, European Commission***14:40 AI Act bans in the biometrics field***Kai Zenner, Head of Office & Digital Policy Adviser, Axel Voss, MEP, European Parliament***14:55 Questions and discussion****15:05 Panel discussion: How do we ensure responsible use of biometrics and artificial intelligence (AI)?**

AI systems are similar to human brains as they can learn and process information, but they can learn separately and share instantly, something humans cannot do. AI is an active technology and not a passive one like traditional ones such as steam engines or even the H-bomb. Digital intelligence will ultimately not require human supervision as it will easily outstrip human intellectual capabilities within several iterations. It has the potential to assimilate knowledge at an unprecedented rate (compared with us) and disseminate it to other digital entities within seconds. What if these digital systems become more intelligent than humans? There are now attempts to try and harness and control this new phenomenon through legislation. The panel will debate whether and if so how we can we achieve this or whether we are merely rearranging the deckchairs on the Titanic.

Panel moderator: Dan Bachenheimer, Director and Privacy Expert Group Member, Biometrics Institute

*Panellists:**Eliot Bendinelli, Programme Director and Senior Technologist, Privacy International**Pam Dixon, Founder and Director, World Privacy Forum, USA**Aku Odunton, EMEA Privacy Policy Product Manager, Meta**Kai Zenner, Head of Office & Digital Policy Adviser, Axel Voss, MEP, European Parliament***15:45 Close of session****15:45 Refreshments, networking, and exhibition viewing**

Parallel session: Churchill	Parallel session: Pickwick
4. Parallel session four (4A): Good practices for government and border applications <i>Session moderator: Dion Chamberlain, Director, Biometrics Institute</i> 16:15 UK Electronic Travel Authorisation scheme overview <i>Suzanne Barnes, Passenger Policy & Border Transformation Lead, Passenger Policy & Border Transformation Unit, UK Home Office</i> 16:25 UK Electronic Travel Authorisation scheme - Generic Identity Verification (GIDV) <i>Mark Salmon, Lead Product Manager for Identity and Person Services, Migration & Borders Technology Portfolio, UK Home Office</i> 16:35 UK Electronic Travel Authorisation scheme – Contactless fingerprint technology	5. Parallel session four (4B): Facial recognition, human performance and how verification requires more information <i>Session moderator: Shashi Samprathi, Head of Borders User Group, Biometrics Institute</i> 16:15 Comparing algorithm and human performance <i>Jonathon Philips, Electronic Engineer, National Institute of Standards and Technology (NIST), USA</i> 16:55 Biometrics usually is not enough – how identity verification requires more information <i>Richard Vorder Bruegge, Senior Physical Scientist, Federal Bureau of Investigation (FBI), USA</i> 17:35 Questions and discussion

<p><i>Graham Camm, Chief Architect, Home Office Biometrics, UK Home Office</i></p> <p>16:45 Gold sponsor: Digital identity for seamless travel <i>Gordon Wilson, Vice President, Identity Verification, Entrust</i></p> <p>16:55 Building public trust in the government when using and implementing biometric solutions <i>Jakob Dam Glynstrup, Director, National ID Centre, Denmark</i></p> <p>17:10 Biometric systems and information sharing <i>Scott Shockey, Branch Chief, Systems Business Operations, Office of Biometric Identity Management (OBIM), US Department of Homeland Security (DHS)</i></p> <p>17:25 Questions and discussion</p> <p>17:45 Close of session</p>	<p>17:45 Close of session</p>
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17:45 Annual drinks reception

19:45 Close of day one

Wednesday 18 October 2023

08:30 Registration, refreshments, and exhibition viewing

<p>Plenary: Churchill</p> <p>6. Session five: Digital identity for service delivery <i>Session moderator: Hans de Moel, Director, Biometrics Institute</i></p> <p>09:00 Welcome from the moderator</p> <p>09:05 Building trust in digital identities: The UK approach <i>Caroline Copley, Acting Deputy Director - Digital Identity, Department for Science, Innovation and Technology (DSIT)</i></p> <p>09:20 Questions and discussion</p> <p>09:25 Discussion session: Let's talk about the elephant in the room – How to get digital identity right</p> <ul style="list-style-type: none"> • What do we mean by “digital identity” • Who is in charge for enrolment or pre-registration? The end-user (traveller), the authorities, who? • What are key considerations for digital onboarding? • What are the requirements of binding to the ultimate authority who will permit you to travel?

- What are the requirements of binding between the traveller, the issued token (the journey pass based on DTC), and decision making in the processes encountered during the journey?
- Why there is no one-size-fits-all solution

Moderator: Martin George, Digital Identity Expert Group, Biometrics Institute

Panellists:

Chris Allgrove, Digital Identity Group Member, Biometrics Institute

Caroline Copley, Acting Deputy Director - Digital Identity, Department for Science, Innovation and Technology (DSIT)

Dion Chamberlain, Manager Product Development, Strategy and International Engagement - Identity & Passports, Department of Internal Affairs New Zealand


Hans de Moel, Staff Advisor, Royal Netherlands Marechaussee (KMar) – Ministry of Defence

Silver sponsor: *Gregory Kuhlmeier, Digital Identity Programme Manager, IDEMIA*



10:15 Close of session

10:15 Refreshments, networking, and exhibition viewing

Parallel session: Churchill	Parallel session: Pickwick
<p>7. Session six (6A): Securing biometrics: Mitigating against morphing, presentation attack, fusion and deepfakes through standards and testing</p> <p><i>Session moderator: Dan Bachenheimer, Director, Biometrics Institute</i></p> <p>11:00 Iris DeepFakes <i>Arun Ross, College of Engineering, Department of Computer Science and Engineering, Michigan State University, USA</i></p> <p>11:15 Platinum sponsor:  Cryptographic authenticators are not enough - deepfakes make biometric identity verification essential <i>Jay Meier, Senior Vice President, North American Operations, FaceTec</i></p> <p>11:35 An update from NIST <i>Patrick Grother, Biometric Standards and Testing Lead, National Institute of Standards & Technology (NIST), USA</i></p> <p>11:50 Round-up discussion on securing biometrics <i>Panel moderator: Dan Bachenheimer, Director, Biometrics Institute</i> <i>Panellists:</i> <i>Ralph Breithaupt, Project Manager and Senior Scientist, Federal Office for Information Security BSI, Germany</i></p>	<p>8. Parallel session six (6B): Good practice for biometrics in government</p> <p><i>Session moderator: Dion Chamberlain, Director, Biometrics Institute</i></p> <p>11:00 Generative AI <i>Pam Dixon, Founder and Director, World Privacy Forum</i></p> <p>11:20 Questions and discussion</p> <p>11:35 An update from UNHCR <i>Sam Jefferies, Head of Digital Services and Biometrics, United Nations High Commissioner for Refugees (UNHCR)</i></p> <p>11:55 Automating immigration and asylum: The uses of new technologies in migration and asylum governance in Europe <i>Derya Ozkul, Senior Research Fellow, University of Oxford, UK</i></p> <p>12:15 Questions and discussion</p> <p>12:30 Close of session</p>

<p><i>Patrick Grother, Biometric Standards and Testing Lead, National Institute of Standards & Technology (NIST), USA</i></p> <p><i>Arun Ross, College of Engineering, Department of Computer Science and Engineering, Michigan State University, USA</i></p> <p>12:30 Close of session</p>	
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12:30 Lunch, networking, and exhibition viewing

Parallel session: Churchill	Parallel session: Pickwick
<p>9. Parallel session seven (7A): Biometric good practices for law enforcement and counter terrorism</p> <p><i>Session moderator: Mick O’Connell, Advisory Council Member, Biometrics Institute</i></p> <p>13:30 Keynote: The Statutory Code for Forensic Science Regulation in England and Wales – an update <i>Gary Pugh OBE, Forensic Science Regulator for England and Wales</i></p> <p>13:40 Case study: The use of personal data in the context of counterterrorism: API, PNR and biometrics <i>Christine Erika Bradley, Chief of Section, Countering Terrorist Travel, United Nations Office of Counterterrorism (UNOCT)</i></p> <p>13:50 Gold sponsor: Responsible best practices for biometrics in law enforcement <i>Maria Ruggiero, Law Enforcement & Forensic Specialist, Thales</i></p> <p>14:00 Questions and discussion</p> <p>14:10 Panel discussion: How do we ensure responsible use of biometrics in law enforcement, border management, counter-terrorism and beyond The panel will explore several key themes/questions including:</p> <ul style="list-style-type: none"> • Managing biometric outputs in a law enforcement environment and preventing the wrongful arrest/ detention of innocent parties following false positive results • How can biometric applications assist in stemming and countering the spread of terrorism across the globe while still preserving the guardrails around human rights 	<p>10. Parallel session seven (7B): Research & Innovation</p> <p><i>Session moderator: Chris Allgrove, Digital Identity Group Member, Biometrics Institute</i></p> <p>13:30 Face Recognition: A great technology with unforeseen consequences <i>Michael King, Associate Professor, Computer Engineering and Sciences, Harris Institute for Assured Information, Florida Institute of Technology, USA</i></p> <p>13:40 Morphing Attack Detection. Man and machine – An update from the iMARS project <i>Frøy Løvåsdal, Manager, National Technology Team, EUIS Programme, National Police Directorate, Norway</i> <i>Kiran Raja, Associate Professor, Norwegian University of Science and Technology (NTNU)</i></p> <p>14:00 Remote biometric identification for law enforcement purposes: Fundamental rights implications <i>Tamas Molnar, Project Manager, Justice, Digital and Migration Unit, European Union Agency for Fundamental Rights (FRA)</i></p> <p>14:10 Gaze ID: Micro- and macro-movements of the eyes are a biometric modality <i>Tobias Scheffer, Professor, Department of Computer Science, University of Potsdam, Germany</i></p> <p>14:20 Inevitable surveillance: Exploring the impact of AI-powered biometrics in the post-panopticon era <i>Mehmet Metin Uzun, PhD Candidate and Researcher in Politics, University of Exeter, UK</i></p> <p>14:30 Toward face biometric de-identification using adversarial examples</p>

<p>such as privacy and freedom of expression and assembly?</p> <ul style="list-style-type: none"> • Is it possible to balance the need for border security and protective services for vulnerable migratory populations with their fundamental rights to cross borders in order, for example, to flee discrimination and persecution in their countries of origin? <p><i>Moderator: Roger Baldwin, Advisory Council Member, Biometrics Institute</i></p> <p><i>Panellists:</i></p> <p><i>Mark Branchflower, Coordinator Fingerprint Unit and Face Project, Interpol</i></p> <p><i>Silkie Carlo, Director, Big Brother Watch, UK</i></p> <p><i>Eilidh Noyes, Senior Lecturer in Cognitive Psychology, Associate Director of the Centre for Cognition and Neuroscience, University of Huddersfield, UK</i></p> <p><i>Gary Pugh OBE, Forensic Science Regulator for England and Wales</i></p> <p><i>Leonid Scharf, Desk Officer, Bundespolizei (BPOL) - Federal Police of Germany</i></p> <p><i>Anne-Maria Seesma, Legal Officer, Security Council Counter-Terrorism Committee Executive Directorate, United Nations (UNCTED)</i></p> <p>15:00 Close of session</p>	<p><i>Mahdi Ghafourian, PhD Candidate, Biometric and Data Pattern Analytics Lab (BiDALab), Universidad Autónoma de Madrid, Spain</i></p> <p>14:40 Questions and discussion</p> <p>15:00 Close of session</p>
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15:00 Refreshments, networking, and exhibition viewing

<p>Closing Plenary: Churchill</p> <p>11. Session eight: Biometrics now and in the future</p> <p><i>Session moderator: Isabelle Moeller, Chief Executive, Biometrics Institute</i></p> <p>15:20 Future identity landscape near-term shaping forces: some thoughts on predictive biometrics</p> <p><i>Christine A. Hughes, Principal Research Scientist, Systems, Tactics, and Force Development, Center for Naval Analyses</i></p> <p>15:35 Key take-aways and what does the future hold?</p> <p>Moderators from the Congress sessions provide their key take-aways.</p> <p><i>Moderator: Isabelle Moeller, Chief Executive, Biometrics Institute</i></p> <p><i>Panellists: Session moderators</i></p> <p>16:30 Questions and discussion</p> <p>16:40 Closing comments from the Chief Executive</p> <p>16:45 Close of Congress</p>
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If you have comments on this event, are interested in membership or have general enquiries about the Biometrics Institute, please email shelley@biometricsinstitute.org.

Registration

Member user: GBP 740 + VAT

Member supplier: GBP 1160 + VAT

Academic subscriber: GBP 250 + VAT

Non-member user: GBP 1420 + VAT

Non-member supplier: GBP 2100 + VAT

Academic non-subscriber: GBP 400 + VAT

Further details on the [Congress webpage](#).

All events during Biometrics Week

All events require [registration](#)

Date	Event	Timing	Location	Fee
Monday 16 October	Face Recognition Performance Workshop	9:00 – 13:00	18 Smith Square London SW1P 3HZ	Member: £350 + VAT Non-member: £500 + VAT
Monday 16 October	Digital Identity and Biometrics Workshop	13:45 – 17:00	18 Smith Square London SW1P 3HZ	Member: £350 + VAT Non-member: £500 + VAT
Tuesday 17 October	Congress day one	9:00 – 18:00	QEII Centre Broad Sanctuary Westminster London SW1P 3EE	Register here
Tuesday 17 October	Annual Drinks Reception	17:30 – 19:30	QEII Centre Broad Sanctuary Westminster London SW1P 3EE	included in Congress fee

Wednesday 18 October	Congress day two	9:00 – 17:00	QEII Centre Broad Sanctuary Westminster London SW1P 3EE	included in Congress fee
Thursday 19 October	Joint Expert Group Briefing	9:30 – 13:00	Australia House London	included in Congress fee

Location

Queen Elizabeth II Conference Centre, London Westminster

Who should attend

- Government in service delivery and border management
- Police and law enforcement
- Healthcare
- Large corporates
- Retail and commerce
- Aviation and travel
- Transport

Job titles

- Decision-makers
- Policy and governance
- Business development
- Digital transformation
- Identity management
- Technology solutions, product development
- Security, cyber, risk

The event will be held in English.