

MANCHESTER
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The University of Manchester



UK Privacy Cluster 2016 – 17 Prospectus

Introduction

The General Data Protection Regulation (GDPR) will bring significant changes in the coverage, enforcement and innovation impact of data protection regulation in the UK.

The UK Privacy Cluster (UKPC) represents an ecosystem of industry, academic and regulatory participants, creating 'win-win' outcomes for each other. The inaugural year of the UKPC is focused entirely on initiating practical, industry led common practices to tackle the key GDPR implementation challenges. We contemplate this will be supportive of efforts obliged under GDPR A38 - *Codes of Conduct*.

Four areas will receive the development of common implementation patterns: i) A17 *Right to be Forgotten*; ii) A18 – *Portability*; iii) A23 *Privacy by Design*; and iv) *Anonymity*. UKPC will also: co-ordinate input from the Information Commissioner's Office, facilitate the creation of a *strength in numbers* response to implementation uncertainty and provide national and international leadership on implementing how technology enables GDPR compliance; we hope to see you in Manchester.

Benefits

Specific benefits of membership include:

- Access to expertise across the spectrum of relevant disciplines and sectors.
- Being part of the creation of commonly accepted GDPR implementation patterns.
- A seat in each of the 4 Working Groups run, bi-annual all-hands mini-conferences and distinguished lecture series.
- Privileged access to all pan-UKPC outputs and opportunities to co-design R&D projects tapping the assets of the UK research community.

The Rationale: The Ever changing Data Environment

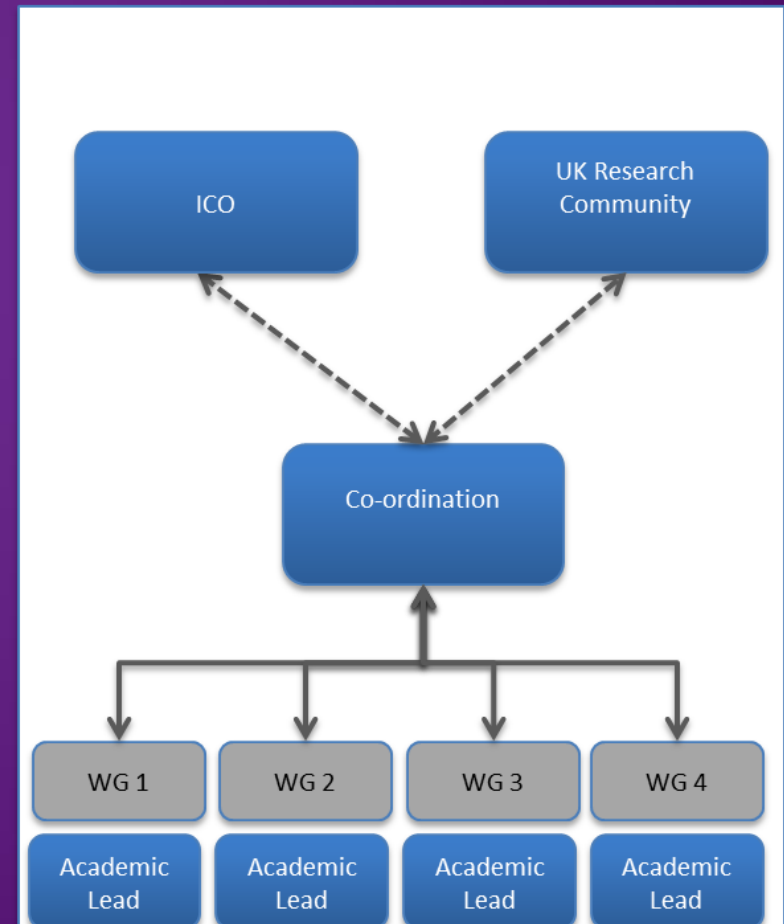
- The data environment, a mixture of socio-technical, legal and political change creates an equally complex interplay of privacy challenges and business opportunities.
- The GDPR highlights and constrains those challenges and opportunities.
- Synergising expertise across sectors and disciplines has moved from a “nice to have” to an essential for sustainable solutions.
- UKPC will provide its members with the environment for such a synergy.



Delivery

UKPC effects a powerful integration of participant input, delivery expertise, academic and regulatory perspectives, generating meaningful outcomes for all:

- Working Groups meet virtually every six weeks with minuted sessions supported by University administrative resources; & bi-annually face to face.
- Four Working Groups are run, delivering shared operational standards for: Right to be Forgotten; Data Portability; Privacy by Design; & Anonymity.
- Each Working Group is led by Steve Kenny, supported by experienced Assured Privacy associates. They are responsible for agreeing each Working Groups Terms of Reference with members and, ensuring adequate representation of all members input into deliverables.
- Each Working Group is paired with a senior academic with relevant expertise, providing independent quality assurance.
- Overall co-ordination between the Working Groups, the ICO and the UK research community is managed through The University of Manchester.



The 2016/17 Working Groups

WG 1: Privacy by Design – A23.

While the GDPR obliges its incorporation, there's no commonly accepted cook book on what PdD is, nor how it should direct the incorporation of PETs. This WG aims to deliver a consensus on what the key components of PbD are and how they would be evidenced in A: Cloud; B: Big Data Analytics; C: IoT.

Academic Lead: Mark Elliot (Professor of Data Science at The University of Manchester)

WG 2: Data Commercialization, Portability and Privacy – A18.

Our data economy is constrained by GDPR. This WG examines how data driven decisions and privacy can be reconciled. First – what product / features map to evidenced privacy demand patterns in an agreed use case. Second – A18 of the GDPR specifies data should become portable. This WG will define a profile management interoperability specification for an agreed use case.

Academic Lead: John Keane (Professor of Data Engineering , The University of Manchester)

WG 3: Right to be Forgotten – A17.

This WG will define the scope and limitations of comprehensively, and defensibly, servicing erasure / rectification requests:

- Technical recommendations to achieve best endeavours 'forgottenness'*
- Best endeavours processes to implement this as fast permissible*
- Recommendations to: a) execute in a virtualized environment b) managing 're-identifyability' of quasi-personal data*

Academic Lead: Marion Oswald (Senior Fellow in Law, Winchester University):

WG 4: Anonymisation.

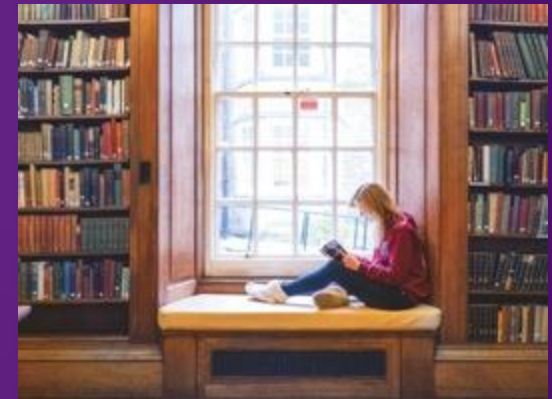
This group will leverage the expertise of the UK Anonymisation Network to examine the relevance of anonymisation and related techniques to UKPC members' data situations. Steps to achieving data anonymity can be useful solutions to problems such as:

- Secondary uses of data that sustain monetization revenue streams*
- Open data publication*
- Data sovereignty*

Academic Lead: Kieron O'Hara (Associate Professor of Computer Science, Southampton University)

Outputs

- White papers
 - Each WG will produce at least one white paper within their remit per annum, documenting the approach and outcomes of the WG's consolidated efforts. White papers contain implementable guidance members can **execute** in GDPR implementation projects and beyond.
- The All-hands work sessions
 - Bi-annual face to face learning event mini-conferences
 - Parallel working group sessions feeding into round table plenary sessions which agree and review overall workflow and agree the quarter's agenda.
- The Distinguished Lecture Series
 - Featuring world renowned speakers
 - Quarterly, in Manchester or London.
- Annual privacy watching brief
 - With input from the bi-annual work session, the UKPC chairs will produce an annual watching brief of all privacy relevant legal-regulatory, socio-technical and political changes
 - This brief will drive the topics for the following years' working groups.
 - Leveraged Research
 - The University, as a Charity, will use UKPC revenue to further its privacy research activities most typically through funded studentships – co-designed by UKPC members individually or collectively.



The UKPC Chairs

Mark Elliot has worked at The University of Manchester since 1996, where he currently holds a chair in data science. His research focuses on the topics of data privacy and anonymisation. He founded the internationally recognised Confidentiality and Privacy Research Group in 2002, and has run numerous research projects within the CAPRI remit. He leads the UK Anonymisation Network, is one of the key international researchers in the field of Statistical Disclosure and has an extensive portfolio of research grants and publications. Professor Elliot has extensive experience in collaboration with non-academic partners, (e.g. Office for National Statistics, US Bureau of the Census, Australian Bureau of Statistics, Statistics Singapore) where he has been a key influence on disclosure control methodology used in censuses and surveys and where the SUDA software, that he developed in collaboration with colleagues in Computer Science at Manchester, is employed.

Steve Kenny is an internationally recognised expert in privacy and data protection, and the founder of consulting boutique Assured Privacy. Steve previously held positions with eBay Inc. where he Chaired the Board of eBay Europe and held multiple DPO licences for eBay, PayPal and many other businesses covering over 150m accounts. Prior to this Steve created KPMG's EU privacy & data governance service line, and ran it for five years, following positions with the European Commission as PET Expert for the A29 Committee – appointed in the *Official Journal of the European Union*, and PET Expert with the Dutch Data Protection Authority. Steve started his career in the Swiss investment banking sector & holds an MPhil in Computation from UMIST.



Application

- Membership to the UKPC and all its Working Groups for two senior participants per organization is granted via annual subscription, payable to The University of Manchester, for £10,000 + VAT.
- UKPC will launch with 15 member organizations, we anticipate Q3 2016.
- Members are free to use IP generated at their discretion.
- In order to achieve its objectives, the University reserves the right to refuse an application for 2016/17 membership.
- Please contact: claire.spencer@manchester.ac.uk