



**International Conference**  
**'Contemporary Challenges  
to Forensic Genetics in  
Society'**

**PROGRAM**

**12 - 14**  
**november**  
**2018**

School of Law | University of Minho  
Braga, Portugal

## EXCHANGE

Forensic Geneticists and the Transnational Exchange of DNA data in the European Union: Engaging Science with Social Control, Citizenship and Democracy

ERC Grant agreement No 648608



Horizon 2020  
European Union funding  
for Research & Innovation

## International Conference Contemporary Challenges to Forensic Genetics in Society

**Date:** 12-14 November 2018

**Venue:** Auditorium of School of Law, University of Minho, Braga, Portugal

One of the goals of the Horizon 2020 program is to expand and strengthen the role of forensic science with and for society, in particular in its applications in different domains: security and crime control, identification in humanitarian disasters, and in the criminal justice system. This three-day conference aims to bring together and put into dialogue professionals and academics working in these different fields. The different panels will facilitate discussions on topics of interest from different disciplinary backgrounds – from social sciences, over life sciences, to police and law studies.

In the last few years, there has been an expansion of the possibilities offered by human identification provided by forensic genetics, based on the expansion of DNA databases for criminal and civil identification, and technological innovation building on forensic DNA phenotyping and forensic genetic massive parallel sequencing. Research in social studies and beyond has begun to explore the development and implementation of such emerging technologies; related societal, scientific, legal, and ethical controversies; questions regarding identity and identification, privacy, and meanings of populations; and the differentiated regulations across different jurisdictions.

Other pressing topics related to the impact of forensic genetics in society include public engagement with the wider society, as well as communication of scientific results to the justice system and to diverse publics and responsible research and innovation.

A main objective of this conference is to engage society more broadly in research discourses and activities by providing discursive spaces for multi-perspective debates. In particular this means to explore good practices that might be applied in governance and policy-making founded on a respect for human rights, transparency and public trust.

**Presentations will be in English or Portuguese. Simultaneous translation will be provided.  
Participation is free. No registration is required.**



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### DAY 1 | November 12

#### 8h30 – 9h30 | Registration of participants and Welcome coffee

#### 9h30 – 10h30 | Welcome and Opening Session

Maria Clara Calheiros, President of Law School, University of Minho  
Helena Sousa, President of Institute of Social Sciences, University of Minho  
Moisés Martins, Director of Communications and Society Research Centre (CECS)  
Patrícia Jerónimo, Research Centre for Justice and Governance (JusGov)  
Helena Machado, Principal Investigator of the Exchange project

#### 10h30 – 12h00 | Session 1. Current Challenges to Transnational DNA Data Exchange

Chair | Margarida Santos, University of Minho, Portugal

Georg Biekötter, Council of the European Union - *Prüm Decisions - technical, legal and operational aspects and governance*

Kees van der Beek, Retired Custodian of the Dutch DNA database, The Netherlands - *The Prüm system. Taking stock of over 10 years of transnational DNA data comparison and looking ahead*

Reinhard Schmid, Federal Ministry of the Interior, Austria - *From national forensic DNA database to transnational exchange of DNA data in the European Union and above*

Ingo Bastisch, Bundeskriminalamt, Germany - *International collaboration through ENFSI*

#### 12h00 – 12h30 | Discussion

#### 12h30 – 14h00 | Lunch Break

#### 14h00 – 15h00 | Session 2. Challenges to European Forensic Science

Chair | António Amorim, University of Porto, Portugal

Peter Schneider, University of Cologne, Germany - *Technological innovations in forensic genetics: how to address resulting challenges and pitfalls*

Angel Carracedo, University of Santiago de Compostela, Spain – *Emerging technologies in Forensic Genetics: lessons learned from the past*

Wojciech Branicki, Jagiellonian University, Poland - *Epigenetic data can provide information about accelerated aging that can be useful in forensics*

#### 15h00 – 15h30 | Discussion

#### 15h30 – 16h00 | Coffee-break

#### 16h00 – 17h00 | Session 3. Communication and Governance of Forensic Science

Chair | Anabela Carvalho, University of Minho, Portugal

António Amorim, University of Porto, Portugal - *Genetic evidence. Evaluation and communication in the genomic era*

Carole McCartney, Northumbria University, UK - *Forensic DNA Databasing 'Best Practice': Full of Promise or False Promise?*

Chris Lawless, Durham University, UK - *What Can Forensic Science Governance Govern? The Experience of England and Wales*

#### 17h00 – 17h30 | Discussion

#### 19h30 – 22h30 | Joint dinner at Restaurante Panorâmico da Universidade do Minho



**DAY 2 | November 13****9h00 – 10h00 | Session 4. Forensics Genetics and Humanitarian Purposes**

Chair | Sheila Khan, University of Minho, Portugal

Élisabeth Anstett, Centre National de la Recherche Scientifique, France - *DNA banks in humanitarian contexts: about Mitochondrial geopolitics*Victor Toom, Goethe University, Frankfurt am Main, Germany - *Identifying the misidentified in Bosnia and Herzegovina***10h00 – 10h30 | Discussion****10h30 – 11h00 | Coffee-break****11h00 – 12h00 | Session 5. Privacy and Public Engagement**

Chair | Nina Amelung, University of Minho, Portugal

Erin Murphy, New York University, USA - *Familial Searches: The U.S. experience*Susanne Schultz, Gen-Ethisches Netzwerk, Germany - *Extended DNA analysis within Germany: Law reform projects and critical voices*Joëlle Vailly, École des Hautes Études en Sciences Sociales, France & Yasmine Bouagga, CNRS, Triangle, France - *Penal Governmentality, Resistance and Genetics in France: The Politicisation, Veridiction and Jurisdiction Effects***12h00 – 12h30 | Discussion****12h30 – 14h00 | Lunch Break****14h00 – 15h00 | Session 6. Emerging Technologies**

Chair | Rafaela Granja, University of Minho, Portugal

Matthias Wienroth, Newcastle University, UK - *Forensic science, commerce, & ethics. Intersecting logics & dynamics in Forensic DNA Phenotyping*Gabrielle Samuel, Kings College London, UK - *Ethical boundary work in the regulation of forensic DNA phenotyping*Dana Wilson-Kovacs, University of Exeter, UK - *Beyond 'technologies of hubris'? Rapid DNA solutions in the UK***15h00 – 15h30 | Discussion****15h30 – 16h00 | Coffee-break****16h00 – 17h00 | Session 7. Forensic Genetics and Racism**

Chair | Fernando Bessa, University of Minho, Portugal

Ernesto Schwartz-Marin, Durham University, UK - *What race has to do with it? Bioconstitutionalism and the mobilisation of forensic and medical genetic bodies in nation building projects in Mexico and Colombia*David Skinner, Anglia Ruskin University, UK - *Race, face and place: understanding the discriminatory potentials of phenotype prediction***17h00 – 17h30 | Discussion**

### DAY 3 | November 13

#### 10h30 – 11h30 | Session 8. Regulatory and ethical challenges of forensic genetics in Portugal

Chair | Emília Araújo, University of Minho

Helena Machado, University of Minho, *The Prüm System: Challenges to the EU area of Freedom, Security and Justice*

Cíntia Águas, Portuguese National Ethics Council for Life Sciences, *Ethical Aspects of Forensic DNA Databases and Technologies – The Portuguese Case*

Álvaro Mendes, University of Porto, *At the interface between human and forensic genetics: some of the questionable uses of DNA outside of healthcare and research*

#### 11h30 – 12h00 | Discussion

#### 12h00 – 14h00 | Lunch Break

#### 14h00 – 15h00 | Session 9. Operations and practices in forensic DNA databases: The Portuguese case

Chair | Susana Silva, University of Porto

Carlos Farinha, Portuguese Police Scientific Laboratory *ADN and scientific police*

Ana Bento, Institute of Legal Medicine and Forensic Sciences *The Database of DNA Profiles in Portugal*

Maria João Antunes, Supervisory Board of the Portuguese DNA Database, *Sample collection and insertion and preservation of DNA profiles of convicted individuals*

#### 15h00 – 15h30 | Discussion

#### 15h30 – 15h45 | Closing Session/Final Remarks

Nina Amelung and Rafaela Granja, University of Minho