

PROGRAMME

FORENSIC DNA PHENOTYPING: The Ethics of Forensic Genetics, Effective Social and Legal Oversight, and Technical Advancements

21+ 22 Sept. 2023

21 SEPTEMBER 2023

13:30 **Registration**

14:00 **Welcome**

Prof. Claus Vögele, Head of the Institute for Advanced Studies, University of Luxembourg
Prof. Katalin Ligeti, Dean of the FDEF, University of Luxembourg

14:15 **SETTING THE SCENE: Introduction to the CRIMTYP Project**

Prof. Silvia Allegrezza, Professor of Law, Faculty of Law, Economics and Finance, University of Luxembourg
Dr. Patrick May, Senior Researcher in the Genome Analysis group (Bioinformatics Core), Luxembourg Centre for Systems Biomedicine

14:45 **KEYNOTE: Ethics as a Lived Practice: A Call for Critically Constructive Collaboration**

Dr. Matthias Wienroth, Senior Fellow at the Centre for Crime and Policing, Assistant Professor in Social Sciences, Northumbria University, UK

15:30 **Coffee break**

SESSION 1: SOCIAL BENEFITS, RISKS IN GOVERNANCE AND ETHICAL ISSUES

Chair: Dr. Matthias Wienroth, Senior Fellow at the Centre for Crime and Policing, Assistant Professor in Social Sciences, Northumbria University

16:00 **The Impact of Forensic DNA Phenotyping: What is There and What of the Future?**

Prof. Denise Syndercombe-Court, Professor of Forensic Genetics, King's College London

16:20 **A Technolegal Mismatch: Forensic Phenotyping in Criminal Inquiries**

Dr. Victor Toom, Research Fellow, Netherlands Scientific Council for Government Policy (WRR)

16h40 **From One To(o) Many: Classifying Population Groups with Forensic DNA Phenotyping**

Dr. Rafaela Granja, Assistant researcher at the Communication and Society Research Centre (CECS), University of Minho, Portugal
Dr. Filipa Queirós, Researcher at the Centre for Social Studies (CES), University of Coimbra, Portugal (online)

17h00 **Knowing Citizens, Controlling Citizens? Exposing the Mutual Legitimation of Forensic Genetics and Criminal Law**

Dr. Margaux Coquet, Postdoctoral Researcher in Law, University of Luxembourg

17h20 **Discussion**

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INSTITUTE FOR ADVANCED STUDIES (IAS)



Faculty of Law,
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and Finance



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SESSION 2: CURRENT TECHNOLOGICAL ADVANCEMENTS, EXPECTATIONS AND EXPERIENCES

Chair: Dr. Margaux Coquet, Postdoctoral Researcher in Law, University of Luxembourg

09:00 **Current Practices and Expectations from the Field**

Nuria Terrado Ortuño, Research and Development Specialist in Forensic Genetics, Luxembourg Centre for Systems Biomedicine

Dr. Elizabet Petkovski, Head of the Genetic Identification Department, Forensic Expert, Laboratoire National de Santé

Dr. Komal Baig, Chef Adjoint Police Scientifique, Police Grand-Ducale of Luxembourg

09:20 **Advancing the Forensic Genetics Field: a View from a Geneticist**

Dr. Patrick May, Senior Researcher in the Genome Analysis group (Bioinformatics Core), Luxembourg Centre for Systems Biomedicine

09:30 **Predictive Capability and Interpretation of Forensic DNA Phenotyping**

Dr. Amke Caliebe, Researcher, Institute of Medical Informatics and Statistics, University of Kiel, Germany

09:50 **Implementation of Forensic DNA Phenotyping in Slovakia**

Alena Nunuková, Forensic Expert, Slovakian Institute of Forensic Science, Slovakia

10:10 **A Field Report from Northern Germany on the Use of Phenotyping as an Investigative Tool**

Dr. Maria Seidel, Head of the Forensics Genetics, Institute of Legal Medicine, University Hospital of Kiel, Germany

10:30 **Discussion**

10:50 **Coffee break**

SESSION 3: LEGAL OVERSIGHT AND REGULATION

Chair: Prof. Silvia Allegranza, Professor of Law, Faculty of Law, Economics and Finance, University of Luxembourg

11:20 **Forensic DNA Phenotyping in Germany: Critical Overview of the Legislation and Problems in Criminal Justice**

Prof. Carsten Momsen, Professor of Criminal Law, Free University of Berlin, Germany

11:40 **The Swiss DNA Profiles Act: a Critical Appraisal**

Dr. Martin Zieger, Head of the Forensic Molecular Biology Dept. (R+T), Institute of Forensic Medicine, University of Bern, Switzerland

12:00 **GDPR and Law Enforcement Directive (LED), Data Protection Standards and the Use of Forensics for Investigation and Prosecution**

Prof. Paul de Hert, Professor of Law, Vrije Universiteit Brussel, Belgium (Online)

12:20 **Roundtable: FDP in the Light of the Protection of Fundamental Rights**

Dr. Catherine Warin, Lawyer at the Luxembourg Bar, Co-Funder and President of Passerell

Noémie Sadler, Lawyer at the Luxembourg Bar, Vice-President of the Commission consultative des droits de l'homme

12:50 **Concluding Remarks: Technical Expectations and the Role of Law**

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