

Third International Conference

2010

**ETHICS AND POLICY OF BIOMETRICS AND
INTERNATIONAL DATA SHARING**



The Hong Kong Polytechnic University

Hong Kong January 4-5, 2010

Funded by the European Commission Grant nr 230389



ETHICS AND POLICY OF BIOMETRICS AND INTERNATIONAL DATA SHARING

Chair: David Zhang, The Hong Kong Polytechnic University, Hong Kong
Co-Chair: Emilio Mordini, Centre for Science, Society, and Citizenship, Rome



Hong Kong January 4-5, 2010



This conference is sponsored by RISE - Rising pan-European and International Awareness of Biometrics and Security Ethics, an international collaborative project funded by the European Commission, DG Research, Directorate Science in Society, Ethics and Governance Unit Grant Agreement: *nr 230389*

Monday, January 4, 2010

08:00 Registration (Venue: Reception Area M1607)

Opening Session S1 (Venue: M1603)

Chair: **David Zhang**, The Hong Kong Polytechnic University, Hong Kong

09:00-09:10 **Secretary for Home Affairs**, HKSAR Government, Hong Kong

09:10-09:20 **Emilio Mordini**, Rise Project Coordinator, Centre for Science, Society and Citizenship, Rome, IT

09:20-09:30 **Roland Chin** Chairmen RGC HK

09:30-10:30; Opening Lectures

09:30-10:00 **Roderick Woo**, Privacy Commissioner for Personal Data, Hong Kong

Challenges posed by Biometric Technology on Data Privacy Protection in Hong Kong and the Way Forward

10:00-10:30 **Nalini Ratha**, IBM J. Watson Research Centre, Hawthorne, USA

Privacy Protection in High Security Biometrics Applications

10:30 - 11:00; Refreshments (Venue: Reception Area M1607)

11:00- 12:45; Session A :

Chair: **René von Schomberg**, European Commission, Brussels

11:00- 11:20 **Nataša Pirc Musar**, Information Communication Technologies Privacy Commissioner, Slovenia

The Dangers of Electronic Traces: Data Protection Challenges Presented by New Technologies

11:20- 11:40 **Benedicte Havelange**, European Data Protection Supervisor

Data Protection in the post Lisbon EU

11:40- 12:00 **John Kropf**, Deputy Chief Privacy Officer, Department of Homeland Security, USA

The Crossroads of Privacy and Biometrics

12:00- 12:20 **Stan Z. Li**, Chinese Academy of Sciences, Beijing

Biometrics in China: Trends, Opportunities, Challenges

12:20- 12:45 GENERAL DEBATE

12:45 - 14:00 LUNCH (Venue: Four Seas Restaurant, Communal Building)

14:00-15:40; Session B – Large Scale Applications

Chair: **Kush Wadhwa**, Global Security Intelligence, US

14:00-14:20 **Helen Chan**, Hong Kong Immigration Department, Hong Kong
Deployment of biometrics and challenges

14:20-14:40 **Alessandro Acquisti**, Carnegie Mellon University, USA
Of Frogs and Herds: Behavioral Economics, Malleable Privacy Valuations, and Context-dependent Willingness to Divulge Personal Information Economics of Privacy Protection

14:40-15:00 **H. Raghav Rao**, State University of New York, University at Buffalo, USA
The Unique Identification Number Project: Challenges and Recommendations

15:00-15:20 **Tim Parker**, The Hong Kong Law Society, Hong Kong
Are We Protected? The Adequacy of Existing Legal Frameworks for Protecting Privacy in the Biometric Age

15:20-15:40 GENERAL DEBATE

15:40 - 16:00; Refreshments (Venue: Reception Area M1607)

16:00-17:00; Session C: Challenges in Human Identification using Biometrics

Session Chair: **Helen Shen**, Hong Kong University of Science and Technology, Hong Kong

16:00-16:20 **Massimo Tistarelli**, Università di Sassari, Alghero, Italy
Human Face Analysis: from Identity to Emotion and Intention Recognition

16:20-16:40 **Richa Singh**, IIIT Delhi, New Delhi, India
Face Recognition and Plastic Surgery: Social, Ethical and Engineering Challenges

16:40-17:00 **Chi-Shing Chen**, National ChengChi University, Taiwan
Biometrics Governance: H1N1 as a Case Study

17:00-17:45; Concluding remarks: ethical values for the eSociety

Chair: **Alessandro Alessandrini**, Italian Ministry of Public Administration and Technology Innovation, Rome, Italy

17:00-17:20 **Stephen Mak**, Government Chief Information Officer, Hong Kong
Information, Security and Privacy

17:20-17:40 **Margrit Sutrop**, University of Tartu, Estonia
Ethical Issues in Governing Biometric Technologies - How to Maintain Public Trust?

17:40-18:00 GENERAL DEBATE

18:00 - 19:30 Conference Banquet (Venue: Four Seas Restaurant, 14/F, Li Ka Shing Building)

Tuesday, January 5

Chair: **Emilio Mordini**, Centre for Science, Society and Citizenship, Rome, IT

Key Notes delivered by

09:00 - 9:30 **Xiaomei Zhai**, Center for Bioethics, Chinese Academy of Medical Sciences, Beijing, PR China
The Status Quo and Ethical Governance in Biometric in Mainland China

09:30 - 10:00 **Blair Stewart** Assistant Commissioner Office of the Privacy Commissioner, New Zealand
The International Standards on the Protection of Personal Data and Privacy

10:00 - 11:00; Session E - Biometrics for Security and Forensics

Chair: **P. C. Yuen**, Hong Kong Baptist University, Hong Kong

10:00 - 10:20; **Chan Wing On Francis**, Superintendent of Police, Hong Kong Police Force, Hong Kong
Biometrics: The Hope or Gloom to Crime and Identity?

10:20 - 10:40; **Kim Legg**, General Secretariat, INTERPOL, Lyon, France
International Fingerprint and DNA exchange using INTERPOL

10:40-11:00 **Elazar Zadok**, Director, Identification and Forensic Science Division, Israel
Legislative and Ethical Questions Regarding Forensic "Biometric" Databases

11:00 - 11:20 Refreshments

11:20 - 12:40 Session F – Digital Identity

Chair: **Max Snijder**, European Biometric Forum

11:20-11:40 **Raymond Wong**, The Hong Kong Institution of Engineers, Hong Kong
Cybersecurity for Privacy and Data Protection

11:40-12:00 **Ho Chang**, BioID AG, Switzerland
Privacy and Data Protection for Social Networks

12:00-12:20 **Vinayak Godse**, The Data Security Council of India, India
Building a New Ecosystem for Cyber Security and Data Protection

12:20 – 12:40 **Nicolas Delvaux**, SAGEM SECURITE
Protected biometrics for Identity Trust

12:40-13:00 CONCLUDING SESSION

Chair: **David Zhang**, The Hong Kong Polytechnic University, Hong Kong

Rene von Schomberg, European Commission, Brussels

John Kropf, Department of Homeland Security, USA

Emilio Mordini, Rise Project Coordinator, Centre for Science, Society and Citizenship, Rome, IT

13:00 - 14:00 LUNCH (Venue: PolyU Staff Restaurant, 4/F, Communal Building)

14:00 - 16:00 RISE Partners Meeting - Venue M1603

Chair: **Emilio Mordini**, Rise Project Coordinator, Centre for Science, Society and Citizenship, Rome, IT

14.00 – 14.05 Welcome, approval of the agenda and review of the minutes of the first board Meeting

14.05 – 14.40 Progress of the RISE project and review on the work plan and deliverables

WP1 – Establishing the technical framework for the project

EBF: Reporting on the website (A1.3)

WP2 – Preparing and convening the 3rd international conference

BRC: First evaluation and comments on the 3rd International Conference (A2.2)

BRC: Reporting on the Book of the Conference (A2.3)

WP3 – Preparing and convening a Multi-Stakeholder Conference

ULANC: Reporting on the Stakeholder Workshop 1 (A3.1)

UT: Reporting on the organization of the Stakeholder Workshop 2 (A3.2)

AUTH: Reporting on the organization of the Stakeholder Workshop 3 (A3.3)

WP5 – Dissemination and Communication

CSSC: Reporting on the Press Communication Centre (A5.1)

EBF: Reporting on Web Site for dissemination and communication (A5.2)

UT: Reporting on Policy Briefs and Scientific Papers (A5.3)

CSSC: Reporting International Networking (A5.4)

GSI: Reporting on Public Awareness Campaign (A5.5)

14.40 – 14.50 Management and Reporting

14.50 – 15.00 Any other issues - Adjourn

Participant List

TBC

Rising pan-European and International Awareness of Biometrics and Security Ethics

RISE is a 36 month project funded in the scope of FP7, which aims to promote pan-European and International Awareness on Ethical Aspects of Biometrics and Security Technologies. In particular the project aims to, to deepen, enlarge, and ensure continuity to international dialogue already instigated by the international conferences on ethics and biometrics organised by the EC DG Research and the US DHS Privacy Office respectively in Brussels and Washington DC in 2005 and 2006.

RISE's framing point is the new political landscape created by the Treaty of Lisbon of the European Union. The EU is now on the verge of a multifaceted reform of its decision-making rules for security, which may have deep ethical and political implications. RISE will address these issues.

GOALS

RISE will set up an international dialogue initiative, which will be presented at the project's completion. The initiative aims to strengthen the relationship and increase mutual understanding, in a spirit of mutual respect and equal partnership. It will provide an informal, open forum to discuss ethical, privacy and social issue raised by biometrics and security technologies. In this way it will complement work carried out in bilateral and multilateral forums sponsored at governmental level. It will be also responsible for promoting a biennial conference, which should give the overall political impetus to the dialogue.

RISE CONSORTIUM

Centre for Science, Society and Citizenship (Italy)
Aristotle University of Thessaloniki (Greece)
The Hong Kong Polytechnic University Biometric Research Center (China)
Centre for Policy on Emerging Technologies (United States)
Lancaster University (United Kingdom)
European Biometric Forum (Ireland)
Global Security Intelligence LLC (United States)
Data Security Council of India (India)
University of Tartu (Estonia)

RISE TIMELINE

March 12-13 2009	Rome	<i>Kick off Meeting</i>
September 24-25 2009	Delhi	<i>Meeting on Privacy and Data Protection in India</i>
November 5 -6 2009	Brussels	<i>Workshop of Individual Identification</i>
January 4-5 2010	Hong Kong	<i>3rd International Conference of Ethics and Policy of Biometrics</i>
March 25 -26 2010	Brussels	<i>Workshop on Global Mobility</i>
September 23-24 2010	Brussels	<i>Workshop on Cyber Security</i>
December 9 -10 2010	Brussels	<i>Stakeholder Conference</i>
May 5 -6 2011	Washington DC	<i>Meeting on Transatlantic Data Sharing</i>
December 1-2 2011	Brussels	<i>4th International Conference of Ethics and Policy of Biometrics</i>
February 2012	Rome	<i>Conclusion of the project and launching of an international dialogue initiative</i>



Project web site: www.riseproject.eu

Rise Central Secretariat: cssc@cssc.eu