



FIDIS

Future of Identity in the Information Society

Final Program

First Conference on E-Voting and Identity

in Bochum (Germany), 4-5 October 2007

Conference Venue:

Sirrix AG
Center for IT-Security
Lise-Meitner Allee 4
44801 Bochum
Phone: +49 234 610071-0



Conference Contact: Sirrix AG, Ammar Alkassar, Lise-Meitner Allee 4, 44801 Bochum, <http://www.sirrix.com>
FIDIS Contact: [Kai Rannenberg | Denis Royer] Chair of Mobile Commerce and Multilateral Security
Johann Wolfgang Goethe University Frankfurt a. M., Graefstr. 78, D-60486 Frankfurt a.M.
E-mail: fidiscoord@fidis.net | Website: <http://www.fidis.net/> | EC Contract No. 507512





FIDIS

Future of Identity in the Information Society

Thursday, 4th October:

08:00 – 09:30 Registration

09:30 – 09:45 Welcome and Opening

09:45 – 10:45 Key Note Talk by **Berry Schoenmakers**
(TU Eindhoven, the Netherlands)

10:45 – 11:00 Coffee Break

11:00 – 12:30 **First Session: Improvements/Extensions of existing Approaches**
(*Session Chair: Hugo Jonker*)

- Simulation-based analysis of E2E voting systems
(*Olivier de Marneffe, Olivier Pereira and Jean-Jacques Quisquater*)
- A simple technique for safely using Punchscan and Prêt à Voter in mail-in elections
(*Stefan Popoveniuc and David Lundin*)
- Threat analysis of a practical voting scheme with receipts
(*Sebastien Foulle, Steve Schneider, Jacques Traore and Zhe Xia*)

12:30 – 14:00 Lunch

14:00 – 15:30 **Second Session: Overview on Remote Electronic Voting** (*Session Chair: Roland Vogt*)

- The Development of Remote E-Voting around the World: A Review of Roads and Directions
(*Robert Krimmer, Stefan Triessnig and Melanie Volkamer*)
- Remote voting schemes: A comparative analysis
(*Jordi Puiggali and Victor Morales*)
- Internet-Voting: Opportunity or Threat for Democracy?
(*Emmanuel Benoist, Bernhard Anrig and David-Olivier Jaquet-Chiffelle*)

15:30 – 16:00 Coffee





FIDIS

Future of Identity in the Information Society

16:00 – 17:30 Fifth Session: Evaluation of Electronic Voting Systems (Session Chair: Robert Krimmer)

- Assessing Procedural Risks and Threats in e-Voting: Challenges and an Approach (*Adolfo Villafiorita, Komminist Weldemariam and Andrea Mattioli*)
- Compliance of RIES to the proposed e-Voting Protection Profile (*Hugo Lennaert Jonker and Melanie Volkamer*)
- Compliance of Polyas to the Protection Profile for Remote Electronic Voting (*Kai Reinhard and Wolfgang Jung*)

20:00 Social Event in Bochum

Conference Dinner at Livingroom (<http://www.livingroom-bochum.de>), Luisenstr. 9-13, Bochum

Friday, 5th October:

09:00 – 10:00 Fourth Session: Code Voting (Session Chair: David Lundin)

- Secure Internet Voting With Code Sheets (*Jörg Helbach and Jörg Schwenk*)
- Code Voting - Protection Against Automatic Vote Manipulation in an Uncontrolled Environment (*Rui Joaquim and Carlos Ribeiro*)

10:00 – 10:30 Coffee

10:30 – 12:00 Fifth Session: Electronic Voting in Different Countries (Session Chair: *(tbc)*)

- Electronic Voting in Belgium: Past and Future (*Danny De Cock and Bart Preneel*)
- The Digital Voting Pen at the Hamburg Elections 2008: Electronic Voting Closest to Conventional Voting (*Jörg Arzt-Mergemeier, Willi Beiss and Thomas Steffens*)
- The Security Analysis of e-voting in Japan (*Hiroki Hisamitsu and Keiji Takeda*)

12:00 – 13:30 Lunch





FIDIS

Future of Identity in the Information Society

13.30 – 14:30 Sixth Session: E-Voting and Trust (Session Chair: Klaus Brunstein)

- Bingo Voting: Secure and coercion-free voting using a trusted random number generator
(Jens-Matthias Bohli, Jörn Müller-Quade and Stefan Röhrich)
- Enhancing the trust and perceived security in e-cognocracy
(Joan Josep Piles Contreras, José Luis Salazar Riaño, José Ruíz Más and José María Moreno-Jiménez)

14:30 – 14:45 Coffee

14:45 – 16:00 Panel Discussion (Session Chair: Ammar Alkassar)

- Berry Schoenmakers (TU Eindhoven, the Netherlands)
- Klaus Brunstein (University of Hamburg, Germany)
- Hans van Wijk (NEDAP, the Netherlands)
- Robert Stein (Head of election division, Federal Ministry of the Interior, Austria)

