

Fourth International Joint Conference on Electronic Voting
1–4 October 2019 · Bregenz, Austria

E-Vote-ID 2019



General Chairs: **Krimmer, Robert** (Tallinn University of Technology, Ragnar Nurkse School, Estonia), **Volkamer, Melanie** (Karlsruhe Institute of Technology, Germany)

Outreach Chairs: **Rønne, Peter** (University of Luxembourg, Luxembourg), **Krivososova, Iuliia** (Tallinn University of Technology, Estonia)

**Deadline for Submissions:
15 May 2019**

This is the fourth time of one of the leading international events for e-voting experts from all over the world has convened, and the 15th anniversary of the first e-voting conference in taking place in Bregenz (Austria).

The conference will take place in October 2019, and one of its major objectives will be to provide a forum for interdisciplinary and open discussion of all issues relating to electronic voting. The first 3 times the conference was held, visitors numbered a total of more than 300 participants, discussing 95 presentations. On the occasion of the 15th anniversary, papers focusing on a review of conference archives will be especially welcome.

The aim of the conference is to bring e-voting specialists working in academia, politics, government and industry together, in order to discuss various aspects of all forms of electronic voting (including, but not limited to, polling stations, kiosks, ballot scanners and remote voting by electronic means) in the four following tracks below, and in a PhD colloquium:

Track on Security, Usability and Technical Issues

Chairs: **Cortier, Véronique** (CNRS, France), **Beckert, Bernhard** (Karlsruhe Institute of Technology, Germany), **Küsters, Ralf** (University of Stuttgart, Germany)

Design, analysis, formal modeling or researching and implementation of:

- ❖ Electronic voting protocols and systems;
- ❖ Voter identification and authentication;
- ❖ Ballot secrecy, receipt-freeness and coercion resistance;
- ❖ Election verification including end-to-end verifiability and risk-limiting audits;
- ❖ Requirements;
- ❖ Evaluation and certification, including international security standards, e.g. Common Criteria or ITSEC;

- ❖ Human aspects of security mechanisms in electronic voting and in particular of verifiability mechanisms; or
- ❖ Any other security and HCI (human-computer) issues relevant for electronic voting.

Track on Administrative, Legal, Political and Social Issues

Chairs: **Serdült, Uwe** (Ritsumeikan University, Japan / University of Zurich, Switzerland), **Duenas-Cid, David** (Tallinn University of Technology, Estonia / Kozminski University, Poland)

- ❖ Discussion of legal, political and social issues of implementing electronic voting, ideally employing case study methodology;
- ❖ Analysing the interrelationship with, and the effects of electronic voting on democratic institutions and processes;
- ❖ Assessing the cultural impact of electronic voting on institutions, behaviours and attitudes in the Digital Era;
- ❖ Discussing the administrative, legal, political and social risks of electronic voting;
- ❖ How to draft pieces of electronic voting legislation;
- ❖ Public administrations and the implementation of electronic voting;
- ❖ Understandability, transparency, and trust issues in electronic voting;
- ❖ Data Protection concerns;
- ❖ Public interests vs. PPP (public private partnerships).

Track on Elections and Practical Experiences

Chair: **Helbach, Jörg** (Rheinische Fachhochschule Köln, Germany), **Spycher, Oliver** (Swiss Federal Chancellery, Switzerland)

- ❖ Reviewing developments in the area of applied electronic voting;
- ❖ Reporting on experiences with electronic voting or the preparation thereof (including reports on development and implementation, case law, court verdicts, legislative steps, public and political debates, election outcomes, etc.);

Contributions to this area will be published in TUT press proceedings only. These experience-based and practical reports need not contain original research, but must be accurate, complete and, where applicable, evidence-based accounts of the technology or system used. Submissions will be judged on the quality of review and level of analysis, and the applicability of the results to other democracies.

Track on E-Voting System Demo

Chair: Rønne, Peter (University of Luxembourg, Luxembourg)

We invite demonstrations of electronic voting systems and related software, to be presented in an open session on Tuesday 1 October before the welcoming reception. Participation is open to all participants at the conference, but we request a Short Paper (two pages) by 15 September submitted via EasyChair describing system requirements and properties, e.g.:

- ❖ whether the system is intended for use in controlled (i.e. in polling stations) or uncontrolled environments (i.e. remotely via the Internet or in kiosks);
- ❖ which types of elections it accommodates;
- ❖ whether it addresses needs of voters with disabilities;
- ❖ what sort of verifiability it provides;
- ❖ the extent to which it guarantees voter privacy;
- ❖ whether it has been deployed in a real election;
- ❖ how to obtain more information.

PhD Colloquium

Chairs: Koenig, Reto (Bern University of Applied Sciences, Switzerland), **Driza Maurer, Ardita** (Zentrum für Demokratie Aarau ZDA/University of Zurich, Switzerland)

The aim of the colloquium is to foster understanding and collaboration between PhD students from various disciplines working on e-voting. To this end, the program allows plenty of scope for discussion and to initiate collaboration based on presentations by attendees.

Each participant interested should submit his/her research proposal (or alternatively ideas for papers, open problems, or other issues where feedback from colleagues would be helpful etc.) in the form of a short paper (two pages in length) using the conference's EasyChair platform.

Format of the Conference

The format of the conference will be a three-day meeting. The PhD Colloquium and the Demonstration Session take place on the day before the formal conference begins. No parallel sessions will be held, and sufficient room will be provided for informal communication.

Paper-based Submissions

Paper-based submissions may be in one of two formats—either as a full paper or as an abstract.

- ❖ Full paper submissions (max 16 pages in LNCS format in total);
- ❖ Short Paper submissions (max 2 pages in LNCS format in total).

All submissions will be subject to double-blind review.

Submissions must be anonymous (with no reference to the authors). Submissions must be made using the conference's EasyChair system, which serves as the online system for the review process. During submission, please select the appropriate area of interest or the PhD colloquium. The chairs of the fields of interest reserve the right to re-assign papers to

other areas, in case of a better fit based on reviewer feedback and in collaboration with other focus of interest chairs. LNCS style must be used.

If you believe that one or more of the program's committee members may have a conflict of interest with your submission, please inform the general chairs at conference-chairs@e-vote-id.org. In turn, settings in the EasyChair system will be set accordingly, so that the respective member/s is/are not involved in the review process.

Key Dates for Submissions

Deadline for submitting papers: (Hawaiian time, rigid deadline, no extension) 15 May 2019 – 23:59

Notification of Acceptance: 24 June 2019

Deadline for PhD Colloquium submissions: 28 June 2019

Deadline for Short Papers for E-Voting System Demo Session: 15 September 2019

Other Relevant Dates

Deadline for Paper Bids: 20 May 2019

Deadline for Reviews: 15 June 2019

Programme Committee Discussion: 21 June 2019

Deadline for Re-submitting Conditionally Accepted Papers (shepherding process): 12 July 2019

Deadline for Camera-Ready Paper Submissions: 26 July 2019

Publication

Conference proceedings will be available at the time of the conference. Full papers accepted for the tracks on security, usability, and technical issues, respective administrative, legal, political, and social issues will be published in Springer LNCS.

All other publications accepted, including full papers in the election experience track, abstracts accepted in any of the tracks, and from the submissions to the PhD colloquium will be published in proceedings with TUT press.

Should your host academic institution requires you to publish your research as open-access only, please contact the respective conference chair for further information on the intended method for making accepted publications accessible.

Venue

The conference will be held in the Renaissance Castle Hofen in Lochau/Bregenz on the shores of Lake Constance in Austria. A welcoming reception will be organized for all conference participants in Castle Hofen on the evening of 1 October, where the conference dinner will also take place on 3 October and will feature the traditional "cheese road".

Programme Committee

General Chairs:

Krimmer, Robert (Tallinn University of Technology, Estonia)

Volkamer, Melanie (Karlsruhe Institute of Technology, Germany)

Track Chairs:

Track on Security, Usability, and Technical Issues

Cortier, Véronique (CNRS, France)

Beckert, Bernhard (Karlsruhe Institute of Technology, Germany)

Küsters, Ralf (University of Stuttgart, Germany)

Track on Administrative, Legal, Political, and Social Issues

Serdült, Uwe (University of Zurich, Switzerland, and Ritsumeikan University, Japan)

Duenas-Cid, David (Tallinn University of Technology, Estonia and Kozminski University, Poland)

Track on Elections and Practical Experiences

Helbach, Jörg (Rheinische Fachhochschule Köln, Germany)

Spycher, Oliver (Swiss Federal Chancellery, Switzerland)

PhD Colloquium

Koenig, Reto (University of Applied Science Berne, Switzerland)

Driza Maurer, Ardita (Zentrum für Demokratie Aarau ZDA/ University of Zurich, Switzerland)

Outreach Chairs

Rønne, Peter (University of Luxembourg, Luxembourg)

Krivososova, Luliia (Tallinn University of Technology, Estonia)

Track on Security, Usability, and Technical Issues Programme Committee

Arapinis, Myrto (The University of Edinburgh, United Kingdom)

Benaloh, Josh (Microsoft Research, USA)

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Gibson, Paul (Telecom SudParis, France)

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Ryan, Peter Y.A. (University of Luxembourg, Luxembourg)

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Wen, Roland (UNSW Sydney, Australia)

Willemsen, Jan (Cybernetica, Estonia)

Track on Administrative, Legal, Political and Social Science Programme Committee

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Hall, Thad (University of Utah, USA)

James, Toby (University of East Anglia, United Kingdom)

Kalvet, Tarmo (Tallinn University of Technology, Estonia)

Masso, Anu (Tallinn University of Technology, Estonia)

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Musiał-Karg, Magdalena (Adam Mickiewicz University, Poland)

Nemaslaki, András (Budapest University of Technology and Economics, Hungary)

Nurmi, Hannu (University of Turku, Finland)

Pammett, Jon (University of Carleton, Canada)

Reniu, Josep Maria (University of Barcelona, Spain)

Sasvari, Peter (National University of Public Service, Hungary)

Vinkel, Priit (National Election Commission, Estonia)

Track on Election and Practical Experience Programme Committee

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Catozzi, Gianpiero (EC-UNDP, Belgium)

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Plante, Stephanie (University of Ottawa, Canada)

Spycher, Oliver (Federal Chancellery, Switzerland)

Vollan, Kåre (Quality AS, Norway)

Wolf, Peter (International IDEA, Stockholm)

Wenda, Gregor (Federal Ministry of the Interior, Austria)

Yard, Mike (IFES, Libya)