⊗ E-Vote-ID.org

Sixth International Joint Conference on Electronic Voting
5 – 8 October 2021 · Online

E-Vote-ID 2021

Given the still ongoing COVID pandemic, E-Vote-ID 2021 will also this year be held as an online conference only. COVID-19 has highlighted the question on how to deal with democracy during a pandemic. We consider that keeping the conference, albeit in digital format, is not only an academic responsibility, but also responds to the need for an active focus on electronic voting by facilitating high quality debates and responses.

General Chairs: Krimmer, Robert (University of Tartu, Estonia), **Volkamer, Melanie** (Karlsruhe Institute of Technology, Germany), **Duenas-Cid, David** (Kozminski University, Poland and Tallinn University of Technology, Estonia)

This is the sixth edition of one of the leading international events for e-voting experts from all over the world, taking place in October 2021.

One of its major objectives is to provide a forum for interdisciplinary and open discussion of all issues relating to electronic voting. In the first 5 editions, up to 151 presentations had been discussed, gathering more than 500 participants. Given the current pandemic situation and the experience with 2020 edition, the conference will be organized in a digital format.

The aim of the conference is to bring together e-voting specialists working in academia, politics, government and industry 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 a PhD colloquium:

Track on Security, Usability and Technical Issues

Chairs: Kulyk, Oksana (IT University of Copenhagen, Denmark) and **Rønne, Peter** (University of Luxembourg, Luxembourg)

Design, analysis, formal modeling or research 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 issues relevant to electronic voting.

Track on Administrative, Legal, Political and Social Issues

Chairs: Solvak, Mihkel (University of Tartu, Estonia) and **Germann, Micha** (University of Bath, United Kingdom)

⋯⋗ Discuss legal, political and social issues of electronic voting implementations, ideally employing case study methodology;

⋯⋗ Analyze the interrelationship with, and the effects of electronic voting on democratic institutions and processes;

⋯⋗ Assess the cultural impact of electronic voting on institutions, behaviours and attitudes of the Digital Era;

⋯⋗ Discuss the administrative, legal, political and social risks of electronic voting;

⋯⋗ How to draft electronic voting legislations;

⋯⋗ Public administrations and the implementation of electronic voting;

⋯⋗ Understandability, transparency, and trust issues in electronic voting;

⋯⋗ Data protection issues;

⋯⋗ Public interests vs. PPP (public private partnerships).

Track on Election and Practical Experiences

Chairs: Martin-Rozumilowicz, Beata (International Foundation for Electoral Systems, USA) and **Hofer, Thomas** (Objectif Sécurité, Switzerland)

⋯⋗ Review developments in the area of applied electronic voting;

⋯⋗ Report on experiences with electronic voting or the preparation thereof (including repots on development and implementation, case law, court decisions, legislative steps, public and political debates, election outcomes, etc.);

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

Track on Posters and E-Voting System Demo

Chair: **Glondu, Stéphane** (Institut National de Recherche en Sciences et Technologies du Numérique, France)

We invite demonstrations of electronic voting systems, to be presented in an open session on Tuesday 5 October. Participation is open to all conference participants, but we request a Short Paper (two pages) by 15 September submitted via Easychair describing the system's requirements and properties, such as:

- 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 the needs of voters with disabilities;
- what sort of verifiability it provides;
- the extent to which it guarantees vote privacy;
- whether it has been deployed in a real election;
- where to go for more information.

PhD Colloquium

Chairs: **Krivonosova, Iuliia** (Tallinn University of Technology, Estonia), **Zollinger, Marie Laure** (University of Luxembourg, Luxembourg).

The goal 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 space for discussion and initiating collaboration based on presentations by attendees.

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

Format of the Conference

Given the still ongoing COVID pandemic, we will unfortunately also not be able to meet in person in Bregenz this year. As last year, the format of E-Vote-ID 2021 will be a three-day online conference. The PhD Colloquium and Demo Session take place on the day before the formal conference begins. No parallel sessions will be held, and sufficient space will be given for informal communication.

Paper Submission

All accepted papers will be published in the University of Tartu Press (UTP) proceedings. A selection of the best submissions will in addition be published in the Springer LNCS proceedings. Submissions can be in three different formats:

- Full paper (max. 16 pages in LNCS format all-in).
- Work in progress (8-10000 words).
- Short paper (max. 2 pages in LNCS format all-in).

All submissions will be subject to double-blind reviews. Submissions must be anonymous (with no reference to the authors). Submissions are to be made using the EasyChair conference system at https://www.easychair.org/conferences/?conf=evoteid2021, which serves as the online system for the review process. During submission, please select the appropriate track or the PhD colloquium. The track chairs reserve the right to re-assign papers to other tracks in case of better fit based on reviewer feedback and in coordination with other track chairs. LNCS style has to be used (see the Springer guidelines at https://www.springer.com/gp/computer-science/lncs/conference-proceedings-guidelines, including templates for LaTeX and Microsoft Word).

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

Key Dates for Submissions

Deadline for submission of papers for the Track on Security, Usability and Technical Issues and the Track on Administrative, Legal, Political and Social Issues (Hawaiian time, hard deadline, no extension)	15 May 2021 – 23:59
Notification of Acceptance	24 June 2021
Deadline for submission of papers for the Track on Election and Practical Experiences and the PhD Colloquium	10 July 2021
Deadline for Camera-ready Paper Submissions	24 July 2021
Deadline for Poster Submission and Short Papers for E-Voting System Demo Session	15 September 2021

Publication

The 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 accepted publications, including full papers in the election experience track, accepted abstracts in any of the tracks, and from the submissions in the PhD colloquium will be published in proceedings with Taltech Press.

In case your academic host institution requires you to publish your research as open-access only, please contact the conference chairs for further information in which way it is intended to make accepted publications accessible.

PROGRAMME COMMITTEE

General Chairs

Krimmer, Robert (University of Tartu, EE)
Volkamer, Melanie (Karlsruhe Institute of Technology, DE)
Duenas-Cid, David (Kozminski University, PL)

TRACK CHAIRS

Track on Security, Usability, and Technical Issues

Kulyk, Oksana (IT University of Copenhagen, DK)
Rønne, Peter (Univeresity of Luxembourg, LU)

Track on Elections and Practical Experiences

Martin-Rozumilowicz, Beata (IFES, US)
Hofer, Thomas (Objectif Securité, CH)

Track on Administrative, Legal, Political, and Social Issues

Solvak, Mihkel (University of Tartu, EE)
Germann, Micha (University of Bath, UK)

PhD Colloquium

Krivonosova, Iuliia (Tallinn University of Technology, EE)
Zollinger, Marie Laure (University of Luxembourg, LU)

Outreach Chairs

Rønne, Peter (University of Luxembourg, LU)
Krivonosova, Iuliia (Tallinn University of Technology, EE)

PROGRAMME COMMITTEE

Track on Security, Usability, and Technical Issues Programme Committee

Araujo, Roberto (Universidade Federal do Pará, BR)
Beckert, Bernhard (Karlsruhe Institute of Technology, DE)
Benaloh, Josh (Microsoft Research, US)
Bernhard, Matthew (Univerity of Michigan, US)
Blanchard, Enka (Université de Lorreine, FR)
Budurushi, Jurlind (Cloudical Deutschland GmbH, DE)
Clark, Jeremy (Concordia University, CA)
Cortier, Véronique (INRIA-LORIA, FR)
Dragan, Constantin Catalin (University of Surrey, UK)
Essex, Aleksander (Western University, CA)
Gibson, Paul (Telecom SudParis, FR)
Giustolisi, Rosario (IT University Copenhagen, DK)
Gjosteen, Kristian (NTNU Trondheim, NO)
Goré, Rajeev (Australian National University, AU)
Grimm, Rüdiger (University of Koblenz, DE)
Haenni, Rolf (Bern University of Applied Science, CH)
Haines, Thomas (Polyas, DK)
Kremer, Steve (INRIA, FR)
Kuesters, Ralf (University of Stuttgart, DE)
Müller, Johannes (University of Luxembourg, LU)
Naumann, Stephan (Darmstadt Technical University, DE)
Pereira, Olivier (UC Louvain, BE)
Ryan, Peter Y.A. (University of Luxembourg, LU)
Schneider, Steve (University of Surrey, UK)
Schoenmakers, Berry (University of Amsterdam, NL)
Schürmann, Carsten (IT University Copenhagen, DK)
Teague, Vanessa (University of Melbourne, AU)
Truderung, Tomasz (Polyas, DE)
Wen, Roland (UNSW Sydney, AU)
Willemson, Jan (Cybernetica, EE)
Zagorski, Filip (Wroclaw University of Technology, PL)

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

Aranyossy, Marta (Corvinus University, HU)
Barrat, Jordi (EVOL2 – eVoting Research Lab, ES)

Dandoy, Régis (Universidad San Francisco de Quito, EC)
Darnolf, Staffan (IFES, US)
Eenma-Dimitrieva, Helena (University of Tartu, EE)
Goodman, Nicole (University of Toronto, CA)
Kersting, Norbert (University of Münster, DE)
Musiał-Karg, Magdalena (Adam Mickiewicz University, PL)
Nemaslaki, András (Budapest University of Technology and Economics, HU)
Nurmi, Hannu (University of Turku, FI)
Pammett, Jon (University of Carleton, CA)
Reniu, Josep Maria (University of Barcelona, ES)
Sasvari, Peter (National University of Public Service, HU)
Serdült, Uwe (Ritsumeikan University, JP)
Soares, Delfina (UNU-EGOV, PT)
Vinkel, Priit (National Election Commission, EE)

Track on Election and Practical Experience Programme Committee

Bismark, David (Votato, SE)
Boyce, Stephen (IFES, US)
Bull, Christian (Telenor, NO)
Caarls, Susanne (Independent Expert, NL)
Catozzi, Gianpiero (EC-UNDP, BE)
Chanussot, Thomas (Independent Expert, FR)
Driza Maurer, Ardita (Independent Expert, CH)
Egger, Philipp (State Chancellery of St. Gallen, CH)
Franklin, Joshua (OutStack, US)
Leclère, Olivier (State of Geneva, CH)
Loeber, Leontine (Council of State, NL)
Macias, Ryan (Independent Expert, US)
McDermott, Ronan (Independent Expert, CH)
Misev, Vladimir (Senior Election Advisor - OSCE/ODIHR, PL)
Past, Liisa (Chief National Cyber Risk Officer, EE)
Petrov, Goran (Independent Expert, MK)
Plante, Stephanie (University of Ottawa, CA)
Spycher, Oliver (Federal Chancellery, CH)
Vollan, Kåre (Quality AS, NO)
Yard, Mike (Independent Expert, US)