International Conference on eDemocracy & eGovernment (ICEDEG)

March 11, 2019

1 Preamble

Representatives of the governments, international organizations and universities of Latin America are called to develop a vision for eCollaboration, eDemocracy, and eGovernment. The main objective is to discuss the regions's **transition to an information and knowledge society** that will accelerate and enhance regional economic, social, cultural and technological development and exchange.

2 Background

In April 2013, to analyze the interest and success of these series of academic events, a first International Seminar on eDemocracy & eGovernment[1] was given in Quito, Ecuador. Different institutions form public- and private- sector, and different Universities in Ecuador participated in this event.

In April 2014, two academic events were organized: Second International Seminar and First International Conference[2] on eDemocracy & eGovernment was also given in Quito, Ecuador. For this first conference, 5 scientific studies (long papers) out of 9 could be accepted (56%) as well as 12 case studies (short papers) out of 14 (86%). Also, an international seminar on the eGovernment framework, including information and communication, production, and participation levels, has been integrated as a tutorial.

In April 2015, the Second International Conference[3] on eDemocracy & eGovernment was also given in Quito, Ecuador. For this second conference, 9 scientific studies (long papers) out of 16 could be accepted (56%) as well as 14 case studies (short papers) out of 23 (60%). As part of the International Conference, four tutorials related to the use and development of eDemocracy & eGovernment were included in the final program.

In April 2016, the Third International Conference[4] on eDemocracy & eGovernment was also given in Quito, Ecuador. For this third conference, a total of 47 papers were submitted, which includes: 29 research papers (long papers), 15 case studies (short papers), and 3 poster papers. A total of 28 papers were accepted (59%) by our International Technical Program Committee. The accepted papers are distributed as follows: 18 long papers, 7 short papers and 3 poster papers. As part of the International Conference, two tutorials and three keynote addresses related to the use and development of

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[1]ISEDEG 2013: https://edem-egov.org/ISEDEG-2013
[2]ICEDEG 2014: `http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=6811098`
[3]ICEDEG 2015: `http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=7103041`
[4]ICEDEG 2016: `http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=7457933`
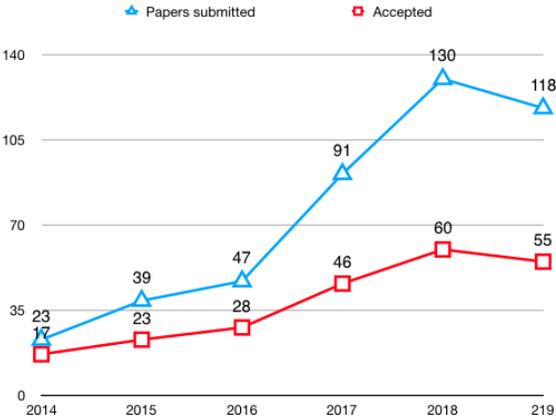
Figure 1: Submission and Acceptance Rate of ICEDEG from 2014 to 2019

eDemocracy & eGovernment were included in the final program. In April 2017, the Fourth International Conference[5] on eDemocracy & eGovernment was also given in Quito, Ecuador. For the Fourth edition of ICEDEG, a total of 91 papers were submitted, which includes: 43 research papers (long papers), 38 case studies (short papers), 5 poster papers, and 5 papers for doctoral symposium. A total of 46 papers were accepted (50%) by our International Technical Program Committee. The accepted papers are distributed as follows: 20 long papers, 19 short papers, 4 poster papers, and 4 papers for doctoral symposium. As part of the International Conference, two tutorials and three keynote addresses related to the use and development of eDemocracy & eGovernment were included in the final program.

In April 2018, the Fifth International Conference[6] on eDemocracy & eGovernment was also given in Ambato, Ecuador. For the Fifth edition of ICEDEG, a total of 126 papers were submitted, which includes: 44 research papers (long papers), 68 case studies (short papers), 14 poster papers, and 2 papers for doctoral symposium. A total of 61 papers were accepted (48%) by our International Technical Program Committee. The accepted papers are distributed as follows: 25 long papers, 28 short papers, 8 poster papers, and 2 papers for doctoral symposium. As part of the International Conference, two tutorials and three keynote addresses related to the use and development of eDemocracy & eGovernment were included in the final program.

In April 2019, for the Sixth edition of ICEDEG, a total of 118 papers were submitted, which includes: 48 research papers (long papers), 65 case studies (short papers), 5 poster papers, and 4 papers for doctoral symposium. A total of 55 papers were accepted (46%) by our International Technical Program Committee. The accepted papers are distributed as follows: 25 long papers, 25 short papers, 1 poster papers, and 4 papers for doctoral symposium. As part of the International Conference, two tutorials, four keynote addresses, and one panel session related to the use and development of eDemocracy & eGovernment were included in the final program.

Figure 1 summarizes the submission and acceptance rate of ICEDEG from 2014 to 2019.

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[5]ICEDEG 2017: `http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=7954855`
[6]ICEDEG 2018: `https://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=8360871`

3 Topics of Interest

ICEDEG is in its fifth year of providing a forum for research and technology development in the growing area of eDemocracy & eGovernment. Original, unpublished research paper submissions are invited from industrial, academic, and other non-profit or public sector researchers reporting on substantial results. Topics of interest include, but are not limited to those listed below.

- **eGovernment:** big data, cloud computing, cloud services, eAdministration, eAssistance, eProcurement, eServices, eSettlement, geographical information systems, green government, mobile government, open government, open data, policy issues security, privacy and ethics, and smart government.

- **eDemocracy:** electronic identity, identity management, electronic signature, eElection, eVoting, voting recommendation applications, public key infrastructure, security, and privacy and ethics.

- **eParticipation:** collaborative working environments, eCollaboration, eCommunity, expert systems and decision support, public memory, and political controlling.

- **eSociety:** collaborative learning, data and opinion mining, eEducation, smart cities, user acceptance, and Web-based Learning Communities.

- **eHealth:** demand and disease management, eHealth services, eMedicine, eHealth policy and practice, eHealthcare strategies and provision, home care, mobile emergency, medical research ethics, patient privacy and confidentiality, tele-monitoring, and wireless telemedicine.

- **eGovernance:** business process reengineering, decision support systems, human resource management, IT governance, knowledge management, new public management, participatory governance, performance management, public sector innovation, public sector innovation management, public sector innovation transfer, transparency, and accountability.

4 Indexing and Archiving

All accepted conference papers will be published in the conference proceedings. Electronic proceedings are published and indexed by IEEE Xplore, Computer Society, SCOPUS database from Elsevier, and Conference Proceedings Citation Index (CPCI) by Thomson Reuters (Web of Science)[7].

5 Committees

The committees consists of employees from the different organizing and supporter institutions of these series of International Conferences.

General Chair

- Andreas Meier, University of Fribourg, Switzerland.

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[7]Indexing ICEDEG: `https://edem-egov.org/blog/publications-and-indexing-icedeg`

General Co-chairs

- Adrian Bonilla, Secretariat of Higher Education, Science, Technology and Innovation (SENESCYT), Ecuador.

- Carlos Montúfar, Universidad San Francisco de Quito, Ecuador.

- Cecilia Paredes, Escuela Superior Politécnica del Litoral (ESPOL), Ecuador.

- Jesús Cano, IEEE Computer Society e-Government STC, Co-chair and Directorate General of the Civil Guard, Spain.

- Francisco Falcone, IEEE Computer Society e-Government STC, Co-chair.

- Galo Naranjo. Universidad Técnica de Ambato, Ecuador.

- Ramiro Pazmiño, Universidad de las Fuerzas Armadas (ESPE), Ecuador.

- Teófilo Ramos, Regional Director, IEEE Region 9.

- Tomás Villón, Universidad de Las Américas, Ecuador.

- Sebastián Torres, Instituto de Altos Estudios Nacionales (IAEN), Ecuador.

Steering Committee

- Luis Terán, University of Fribourg, Switzerland and Universidad de las Fuerzas Armadas (ESPE), Ecuador.

- Carmen Vaca, Escuela Superior Politécnica del Litoral (ESPOL), Ecuador.

- Julio Balarezo. Universidad Técnica de Ambato, Ecuador.

- Marco Galarza, Universidad de Las Américas, Ecuador.

- Priscila Rodriguez, Universidad de las Fuerzas Armadas (ESPE), Ecuador

- Romel Tintin. Instituto de Altos Estudios Nacionales (IAEN), Ecuador.

- Jorge Pinto, Secretariat of Higher Education, Science, Technology and Innovation (SENESCYT), Ecuador.

- José María Lavin, Universidad Técnicad de Ambato, Ecuador.Universidad Rey Juan Carlos, Spain.

- Edy Portmann, University of Fribourg, Switzerland.

Program Chair and Co-Chair

- Luis Terán, University of Fribourg, Switzerland and Universidad de las Fuerzas Armadas (ESPE), Ecuador.

- Carmen Vaca, Escuela Superior Politécnica del Litoral (ESPOL), Ecuador.

Tutorial Chair and Co-Chair

- Prof. Harekrishna Misra, Institute of Rural Management Anand, India.

- Prof. Nuno Lopes, United Nations University, Portugal.

Keynotes Chair

- Philippe Cudre-Mauroux, University of Fribourg, Switzerland.

Local Chairs

- Daniel Riofrio, Universidad San Francisco de Quito (USFQ), Quito, Ecuador.

Poster Session Co-Chairs

- Julio Balarezo, Universidad Técnica de Ambato, Ecuador.

- Sandra Samchez, Escuela Politécnica Nacional, Ecuador.

Workshops Chair

- Francisco Falcone, IEEE STC eGov and Universidad Pública de Navarra, Spain.

Doctoral Symposium Chair

- Jesus Cano, IEEE STC eGov and Universidad Rey Juan Carlos, Spain.

Finance/Registration Chair

- Sylviane Pilloud, University of Fribourg, Switzerland.

Technical Program Committee

The members of the scientific program committee are professors of universities and research labs from Europe, Asia, North America, and Latin America, as well as professionals related to the development of eDemocracy and eGovernment[8].

6 Paper Format and Submission

The review process is, peer review and double blind, there are three paper submission categories:

- **Long Paper (Scientific Paper)**. Submissions should report on substantial contributions of lasting value. The length is 6 to 8 pages. Each accepted paper will be presented either in a plenary session as part of the main conference or in a poster session. The presentation may include a system demonstration. We expect the review process to be highly selective. Papers

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[8]TPC ICEDEG: https://edem-egov.org/ICEDEG-2019/technical-program-committee

that do not respect the minimum and maximum length and include the name of authors will be automatically rejected.

- **Short Paper (Case Studies or practical research)**. Submissions typically discuss exciting new work that is not yet mature enough for a scientific paper such as case studies. The length is 4 to 6 pages. Each accepted paper will be presented either in a plenary session as part of the main conference or in a poster session. The presentation may include a system demonstration. Papers that do not respect the minimum and maximum length and include the name of authors will be automatically rejected.

- **Poster Papers**. Submissions that present new ideas and initiatives with potential to advance the state of research and state of practice in the field. The length is up to 4 pages. Each accepted paper will be presented in a poster session. Papers that do not respect the maximum length and include the name of authors will be automatically rejected.

7   Language

All papers submitted, presentations, and poster must be written in English. Participants should have a good level of English to be able to follow all lectures and discussions.

8   Special Issues

In addition to the conference proceedings, a special issue on eDemocracy & eGovernment published at IEEE Transactions on Emerging Topics in Computing (TETC)[9] with selected papers. It addresses the main issues of public administration and electronic democracy with an academic and practical perspective. It covers technical and non-technical aspects of, but not limited to the following areas: eGovernment, eDemocracy, eParticipation, eSociety, eHealth, and eGovernance. TETC has been included in the Clarivate Analytics Journal Citation Reports (JCR) 2016 Edition with the following results:

- Impact Factor: 3.826

- Eigenfactor: 0.00181

- Article Influence Score: 1.073

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[9]TETC: `https://www.computer.org/web/tetc`

Contacts

If you need additional information about the International Conference, do not hesitate contacting me.

Prof. Dr. Luis Terán
Founder and Program Chair - ICEDEG
email: luis.teran@unifr.ch | lfteran1@espe.edu.ec