

HELLENIC SCIENTIFIC COUNCIL for the **INFORMATION SOCIETY (HSCIS)**
8th International Conference on e-Democracy 2019:

e-Democracy 2019: Safeguarding Democracy and Human Rights in the Digital Era



Supported by the Hellenic Data Protection Authority

CONFERENCE PROGRAMME

December 12-13, 2019, Athens, Greece

Athens, DIVANI CARAVEL HOTEL, Horizon and Athens View Halls

Opening keynote

'Reinventing Democracy in the Digital Era', Professor George Metakides, Digital Enlightenment Forum

Conference Sessions

- Privacy and Data Protection
- E-Government
- E-voting and forensics
- Social Media and 'Fake News'

Workshops

- Enabling GDPR Compliance
- 3rd Workshop on GDPR (in Greek)

Proceedings: Springer Verlag (CCIS series)

Co-Organising Institutions



University of Aegean



Agricultural University of Athens



University of Piraeus

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<http://www.edemocracy2019.eu>

08:30 - 09:00	Registration
Horizon	
09:00 - 10:00	Welcome Address <i>Professor Alexander Sideridis, Professor Sokratis Katsikas, Dr. Vasilis Zorkadis</i> Opening Keynote: 'Reinventing Democracy in the Digital Era' <i>Professor George Metakides, Digital Enlightenment Forum</i>
10:00-10:30	Coffee Break
10:30 – 12:30	Session 1 / Workshop I
Horizon	
Session 1: Privacy and Data Protection <i>Chair: Professor Alexander Sideridis</i> • Big data analytics: from threatening privacy to challenging democracy. <i>Paola Mavriki and Maria Karyda</i> • What Do We Know about our Rights to Data Protection? A Greek Case Study. <i>Maria Sideri, Athanasios Fontaras and Stefanos Gritzalis</i> • A Case Study of Intra-Library Privacy Issues on Android GPS Navigation Apps. <i>Stylianos Monogios, Konstantinos Limniotis, Nicholas Kolokotronis and Stavros Shiaeles</i> • A Constraint-Based Model for the Frequent Itemset Hiding Problem. <i>Vassilios Verykios, Elias Stavropoulos, Vasilis Zorkadis and Ahmed Elmagarmid</i>	

12:30-13:30	Lunch
13:30 - 15:30	Session 2 / Workshop I-Part 1
Horizon Session 2: e-Government <i>Chair: Professor Sokratis Karsikas</i> • A Smart Cross Border e-Gov Primary Health Care Medical Service <i>Alexander B. Sideridis</i> • Blended learning and Open Courseware for promoting Interoperability in Public Services <i>Anastasia Papastylianou, Antonios Stasis, Konstantinos Rantos and Victoria Kalogirou.</i> • How to do it right: A framework for biometrics supported border control <i>Mohamed Abomhara, Sule Yildirim-Yayilgan, Anne Hilde Nymoen, Marina Shalaginova, Zoltán Székely and Ogerta Elezaj.</i> • A Method for Assessing the Openness of Semi-Open Data Initiatives: Applied to the Justice Domain <i>Mortaza S. Bargh, Sunil Choenni, Ronald Meijer and Sharvin Choenni</i>	Athens View Workshop I - Part 1: Enabling GDPR Compliance <i>Chairs: G. Lioudakis, L. Bracciale, M. Hasani</i> • “When the GDPR met the ISO 27001” N. Anastasopoulos, G. Vareltzis, • “Cloud Computing Framework for e-Health Security Requirements & Security Policy Rules Case Study: European Cloud-based Health System” <i>D. Georgiou, C. Lambrinoudakis</i> • “Anonymization and GDPR” M. Terrovitis • “CoProtect: Collaborative Management of Cryptographic Keys for Data Security in Cloud Systems” L. Bracciale, P. Loreti, E. Raso, M. Naldi, G. Bianchi • “The Principle of Consent under the GDPR” <u>L. Veneri</u>
15:30 - 16:00	Coffee Break

16:00 - 17:30	Session 3 / Workshop I - Part 2
Horizon Session 3: e-voting and forensics <i>Chair: V. Zorkadis</i> - TrustedEVoting (TeV) A Secure, Anonymous and Verifiable Blockchain-Based e-Voting Framework. <i>Michel Verwer, Ioanna Dionysiou and Harald Gjermundrod.s</i> - Attitudes of Polish voters towards introduction of e-voting in the context of political factors. <i>Magdalena Musial-Karg and Izabela Kapsa.</i> - A Revised Forensic Process for Aligning the Investigation Process with the Design of Forensic-enabled Cloud Services. <i>Stavros Simou, Christos Kalloniatis, Stefanos Gritzalis and Vasilis Katos.</i>	Athens View Workshop I - Part 2: Enabling GDPR Compliance <i>Chairs: Dr. Georgios V. Lioudakis, Dr. Lorenzo Bracciale, Dr. Marwan Hassani</i> “Towards Engineering GDPR-compliant Business Processes” <i>M. Koukovini, E. Papagiannakopoulou, G. V. Lioudakis</i> “Process Mining Enabling GDPR Compliance: The Right to be Forgotten as a Use Case” <i>R. Zaman, M. Hassani,</i> “On Handling Data Minimization for Business Processes: A Preliminary Study” <i>S. I. Besik,</i> Panel: Summary of findings and general Discussion on GDPR Compliance Moderator: G. Lioudakis Panelists: all speakers
19:30 - 22:00	Conference Dinner

Friday, December 13, 2019

Horizon	
08:30 - 09:00	Registration
09:00 - 10:00	Keynote 2: Proof of Witness Presence: Blockchain Consensus for Augmented Democracy in Smart Cities <i>Professor Evangelos Pournaras, Leeds University</i>
10:00 - 10:30	Coffee break
10:30 - 12:30	Session 4 / Workshop III

Horizon	Athens View
Session 4: Online social networks and “fake news” <i>Chair: Professor Charalampos Patrikakis</i> • Towards Designing a Knowledge Graph-Based Framework for Investigating and Preventing Crime on Online Social Networks. <i>Ogerta Elezaj, Sule Yildirim, Edlira Kalemi, Linda Wendelberg, Mohamed Abomhara and Javed Ahmed.</i> • A prototype framework for assessing information provenance in decentralised social media: The EUNOMIA Concept. <i>Lazaros Toumanidis, Ryan Heartfield, Panagiotis Kasnesis, George Loukas and Charalampos Patrikakis</i> • Fighting Biased Online News: Lessons from Online Participation and Crowdsourcing. <i>Himesha Wijekoon, Boris Schegolev and Vojtech Merunka</i> • Can EU Data Protection Legislation Help to Counter “Fake News” and Other Threats to Democracy? <i>Yordanka Ivanova</i> Closure of research papers programme	3rd Workshop on GDPR (in GREEK) Keynote: GDPR and Greek Law 4624/2019 <i>Konstantinos Μενουδάκος, President of Data Protection Authority</i> Session 1: Technological means to enhance data protection <i>Chair: Konstantinos Menoudakos</i> • Pseudonimisation under GDPR <i>Athena Mpourka</i> • Cryptography as means to enhance data protection <i>Konstantinos Λιμνιώτης</i> • Data Anonymisation in secure record linkage <i>Vassilios Verykios</i>
12:30 - 13:30	Lunch

13:30 - 15:30	3rd Workshop on GDPR
Horizon Session 2: Cooperation - Consistency - GDPR Governance System <i>Zoe Kardasiadou, Efrosini Siougle</i> Workshop - Data Breach management <i>Georgia Panagopoulou, Konstantinos Limniotis, George Rousopoulos</i>	Athens View Workshop Data Breach management <i>Georgia Panagopoulou, Konstantinos Limniotis, George Rousopoulos</i>
15:30 – 16:00	Coffee break
16:00 – 18:00	3rd Workshop on GDPR
Horizon Session 3: Specific GDPR Compliance issues <i>Chair: V. Zorkadis</i> - Tracking and Profiling <i>Georgia Panagopoulou, Athena Mpourka, Zoe Kardasiadou</i> - Freedom of expression and data protection in the light of Law 4624/2019 <i>George Loukeris</i> - International data transfers: The long-awaited decision in the Schrems II case and its impacts on the transfer tools <i>Evanthia Chatziliassi</i>	
Horizon	
18:30	Closure



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