

WEBIST 2021

17th International Conference on Web Information Systems and Technologies

Online Streaming // 26 - 28 October, 2021

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SCOPE

The purpose of the International Conference on Web Information Systems and Technologies (WEBIST) is to bring together researchers, engineers and practitioners interested in the technological advances and business applications of web-based information systems. The conference has five main tracks, covering different aspects of Web Information Systems, namely Internet Technology, Web Interfaces and Applications, Society, e-Communities, e-Business, Web Intelligence and Mobile Information Systems. WEBIST focuses on real world applications; therefore authors should highlight the benefits of Web Information Systems and Technologies for industry and services, in addition to academic applications. Ideas on how to solve business problems using web-based information systems and technologies, will be discussed at the conference. Papers describing advanced prototypes, systems, tools and techniques and general survey papers indicating future directions are also encouraged. Both technological and social-oriented papers are accepted. All papers must describe original work, not previously published or submitted to another conference. Accepted papers, presented at the conference by one of the authors, will be published in the Proceedings of WEBIST. Acceptance will be based on quality, relevance and originality. Both full research reports and work-in-progress reports are welcome. There will be both oral and poster sessions. Special sessions, dedicated to case-studies and commercial presentations, as well as tutorials dedicated to technical or scientific topics are also envisaged: companies interested in presenting their products or methodologies, or researchers interested in holding a tutorial, workshop or special session, are invited to contact the conference secretariat or visit the conference website.

CONFERENCE AREAS

Each of these topic areas is expanded below but the sub-topics list is not exhaustive. Papers may address one or more of the listed sub-topics, although authors should not feel limited by them. Unlisted but related sub-topics are also acceptable, provided they fit in one of the following main topic areas:

1. INTERNET TECHNOLOGY
2. WEB INTELLIGENCE AND SEMANTIC WEB
3. SOCIAL NETWORK ANALYTICS
4. HCI IN MOBILE SYSTEMS AND WEB INTERFACES

AREA 1: INTERNET TECHNOLOGY

- Application, Research Project and Internet Technology
- Big Data and the Web
- Digitalization/ Digitization
- Internet of Things
- New Trends in Internet Technology
- Technical Infrastructures Supporting Web Applications
- Web Programming
- Web Security and Privacy, Cyber Criminality and Internet, Dark Web
- Web Services and Web Engineering
- Web Tools and Languages
- Application, Research Project and Service Based IS
- Methodologies for Services and Architecture
- Technical Infrastructure for Services
- Web Based Integration Technologies, Web Services, REST and CRUD Services

AREA 2: WEB INTELLIGENCE AND SEMANTIC WEB

- Applications, Research Projects and Web Intelligence
- Computational Intelligence on the Web
- Context, Adaptability and Web Intelligence
- Data Web Mining
- Deep Learning
- Linked Data, Big Data and Applications in Companies
- Natural Language Processing
- Web Information Filtering and Retrieval
- Big Data and Data Mining Methods for the Semantic Web
- Knowledge Graphs and Deep Semantics
- Knowledge Representation and Reasoning on the Web
- New Trends in Ontology Management and the Semantic Web
- Ontology Discovering, Modelling, Retrieving and the Semantic Web
- Semantic Interoperability

AREA 3: SOCIAL NETWORK ANALYTICS

- Opinion Mining and Sentiment Analysis
- Recommendation Systems
- Social Media Analytics
- Social Web Intelligence
- Prediction of User Behavior Patterns
- Decision Making
- Collaborative Filtering
- Document Clustering

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- Social Information Systems

AREA 4: HCI IN MOBILE SYSTEMS AND WEB INTERFACES

- Design of Web Interface
- User Modeling, Web Interface Modelling
- Web Interface and Adaptability According to Context And/Or Profile
- Web Interfaces and Applications
- UX and User-Centric Systems
- Interaction Design
- Augmented Reality
- Mobile Systems Interoperability
- Ubiquitous Computing
- Ambient Intelligence
- Human Factors
- Application of Mobile Information Systems
- Context Awareness
- Human Computer Interaction

KEYNOTE SPEAKERS

Ian Horrocks, University of Oxford, United Kingdom

Dieter Fensel, University of Innsbruck, Austria

Oscar Corcho, Universidad Politécnica de Madrid, Spain

PAPER SUBMISSION

Authors can submit their work in the form of a complete paper or an abstract, but please note that accepted abstracts are presented but not published in the proceedings of the conference. Complete papers can be submitted as a Regular Paper, representing completed and validated research, or as a Position Paper, portraying a short report of work in progress or an arguable opinion about an issue discussing ideas, facts, situations, methods, procedures or results of scientific research focused on one of the conference topic areas.

Authors should submit a paper in English, carefully checked for correct grammar and spelling, addressing one or several of the conference areas or topics. Each paper should clearly indicate the nature of its technical/scientific contribution, and the problems, domains or environments to which it is applicable. To facilitate the double-blind paper evaluation method, authors are kindly requested to produce and provide the paper WITHOUT any reference to any of the authors, including the authors' personal details, the acknowledgments section of the paper and any other reference that may disclose the authors' identity.

When submitting a complete paper please note that only original papers should be submitted. Authors are advised to read INSTICC's ethical norms regarding plagiarism and self-plagiarism thoroughly before submitting and must make sure that their submissions do not substantially overlap work which has been published elsewhere or simultaneously submitted to a journal or another conference with proceedings. Papers that contain any form of plagiarism will be rejected without reviews.

All papers must be submitted through the online submission platform PRIMORIS and should follow the instructions and templates that can be found under Guidelines and Templates. After the paper submission has been successfully completed, authors will receive an automatic confirmation e-mail.

PUBLICATIONS

All accepted complete papers will be published in the conference proceedings, under an ISBN reference, on paper and on digital support. SCITEPRESS is a member of CrossRef (<http://www.crossref.org/>) and every paper on our digital library is given a DOI (Digital Object Identifier).

The proceedings will be submitted for indexation by SCOPUS, Google Scholar, The DBLP Computer Science Bibliography, Semantic Scholar, Microsoft Academic, Engineering Index (EI) and Web of Science / Conference Proceedings Citation Index.

IMPORTANT DATES

Conference Date: **26 - 28 October, 2021**

Regular Papers

Paper Submission: June 8, 2021 (expired)
 Authors Notification: July 16, 2021 (expired)
 Camera Ready and Registration: July 30, 2021 (expired)

Position Papers

Paper Submission: July 2, 2021 (expired)
 Authors Notification: July 30, 2021 (expired)
 Camera Ready and Registration: September 7, 2021 (expired)

Late-Breaking

Paper Submission: July 23, 2021 (expired)
 Authors Notification: September 1, 2021 (expired)
 Camera Ready and Registration: September 10, 2021 (expired)

Workshops

Workshop Proposal: May 26, 2021 (expired)

Special Sessions

Special Session Proposal: May 26, 2021 (expired)
 Paper Submission: August 6, 2021 (expired)
 Authors Notification: September 8, 2021 (expired)
 Camera Ready and Registration: September 17, 2021 (expired)

Tutorials

Tutorial Proposal: September 13, 2021 (expired)

Demos

Demo Proposal: September 13, 2021 (expired)

Panels

Panel Proposal: September 13, 2021 (expired)

Abstracts

Authors Notification: September 13, 2021 (expired)
 Camera Ready and Registration: September 22, 2021 (expired)

SECRETARIAT

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