

Due to health and safety concerns regarding COVID-19, authors will be able to present their work via skype/video-conference (in case they do not wish to travel)



# WIMS 2020

## 10<sup>th</sup> International Conference on Web Intelligence, Mining and Semantics

30 JUNE - 3 JULY, 2020 @ Biarritz, France

<https://wims2020.sigappfr.org>

### WIMS Conferences Chair:

- Rajendra Akerkar, Western Norway Research Institute

### General Chair:

- Yannis Manolopoulos, Open University of Cyprus

### Program Chair:

- Richard Chbeir, University of Pau and Pays Adour, France

### Invited Speakers:

- Lionel Brunie, INSA de Lyon, France
- Michalis Vazirgiannis, Ecole Polytechnique (LIX), France

### Workshop/Special Issue Chair:

- Mirjana Ivanovic, University of Novi Sad, Serbia

### Webadmin:

- Elio Mansour, University of Pau and Pays Adour, France

The International Conference on Web Intelligence, Mining & Semantics (WIMS) has travelled from Seoul, Korea (2019), Novi Sad, Serbia (2018), Anantea, Italy (2017), Nimes, France (2016), Larnaca, Cyprus (2015), Thessaloniki, Greece (2014), Madrid, Spain (2013), Craiova, Romania (2012) to Sogndal, Norway (2011). The 10<sup>th</sup> WIMS will take place at Biarritz, a luxurious seaside tourist destination on the Bay of Biscay in the French Basque Country. WIMS is a forum to present state-of-the-art results in building Intelligent Web, to examine performance characteristics of various approaches in Web-based intelligent information technology, and to cross-fertilize ideas on the development of Web-based intelligent information management solutions across different domains. WIMS solicits regular and work-in-progress research, discussion papers and industry experience report papers in related fields. Papers exploring new directions or areas are also welcome. In particular but not exclusively, the submissions within the following major areas are relevant:

#### Web Intelligence:

- Semantic Agent Systems for WI
- Interaction and Communication Paradigms
- Intelligence for Visualizing Web Data at scale
- Intelligence for Big Data Analytics
- Ubiquitous Intelligence and IoT
- WI in Social Media
- WI in Human Computation and Social Games
- Opinion Mining / Sentiment Analysis
- Visualizing Social Network Data
- WI for Services, Grids, and Middleware
- Nature-Inspired Models and Approaches for WI

#### Web Mining Information and Knowledge Extraction:

- Text, Data Stream, Web, Multimedia Mining
- Contextualization and Clustering in Web Mining and Information Extraction
- Knowledge Extraction from the Web
- Linked Data Mining
- Information Extraction and Knowledge Discovery
- Mining from Deep Web
- Semantic Deep Web Data Fusion

#### Web Semantics and Reasoning:

- Semantic Agent Systems for WI
- Ontology Specification: Expressivity Versus Usability
- Ontologies and Linked Semantic Data
- Development and Re-Use of Ontologies
- Lifecycle, Management, and Evolution of Web Ontologies
- Ontology Merging and Alignment
- Rule Markup Languages and Systems
- Semantic Annotation

#### WIMS Applications:

- Web Applications of Semantic Agent Systems
- Semantics-Driven Information Retrieval
- Semantic Search
- Intelligent E-Technology and the Semantic Web
- Intelligence and Semantic Technologies in Digital Media
- WI for Multimedia, Sensors, and Situational Awareness
- Quality of Life Technology for Web Access

#### Evaluation and Validation Methodologies:

- Datasets and Benchmarks for Competition
- Evaluation and Validation Infrastructures
- Evaluation and Validation Metrics

**Proceedings, submission:** Accepted papers will appear in the proceedings published by ACM (tentative). Author instructions with LaTeX2e (preferred) and Word macro files are available at (<https://www.acm.org/publications/proceedings-template>). Papers must be submitted online through EasyChair (<https://easychair.org/my/conference?conf=wims2020>). Submitted papers should not exceed 10 pages (long papers) and 4 pages (short ones), including figures, tables and references. For each paper at least one of the authors MUST register for the conference by the camera-ready submission deadline with a full registration

**Special issue:** A special issue with selected papers will appear at the Big Data Research (Springer), World Wide Web (Springer), International Journal of Intelligent Information & Database Systems (International).

**Venue:** The venue is: Casino Barrière, Biarritz, <https://www.casinosbarriere.com/en/biarritz.html>

#### Important Dates:

- |                                 |                                 |
|---------------------------------|---------------------------------|
| 20 <sup>th</sup> of April 2020: | Full papers submission          |
| 18 <sup>th</sup> of May 2020:   | Notification                    |
| 1 <sup>st</sup> of June 2020:   | Camera readies and registration |

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