



## ICDSST 2020 – Call for Papers & Participation

<https://icdst2020.wordpress.com>

6<sup>th</sup> International Conference on Decision Support System Technology  
27-29 May 2020, Zaragoza, Spain



**Main Theme:**

**“Cognitive Decision Support Systems & Technologies”**

*Building the future of Decision Support Systems: the power of the mind in the cognitive processes*

**ICDSST 2020 Venue:** University of Zaragoza, Spain - Faculty of Economics and Business  
Gran Vía, nº 2 – 50005 Zaragoza

**Conference General Chairs:** *Pascale Zaraté, José María Moreno Jiménez*

**Conference Program Chairs:** *Isabelle Linden, Alberto Turón Lanuza, Maite Escobar Urmeneta*

**Local Organisers:** *Juan Aguarón Joven, Alfredo Altuzarra Casas, Victoria Muerza Marín*

EURO (the Association of European Operational Research Societies) and its Working Group on Decision Support Systems (EWG-DSS) invites you to participate in the ICDSST 2020 6th International Conference on Decision Support System Technology on “Cognitive Decision Support Systems and Technologies” in the city of Zaragoza, Spain. The Conference will be hosted at the University of Zaragoza, during the period of May 27th to May 29th, 2020.

Following the trail of the topic proposed for the 30th anniversary of the creation of the EWG-DSS, which took place in 2019 in Madeira, ICDSST 2020 aims to analyse the role reserved for the human factor in the future of the DSS and the technologies (tools and knowledge), necessary to respond to the new challenges and demands of the Knowledge Society. This human factor will be a fundamental element in the adoption of a *new* scientific method that allows the decision processes to incorporate the subjective, intangible and emotional aspects associated with the human factor, together with the objective, tangible and rational aspects that are associated to the traditional scientific methodology.

The Organising Committee of the ICDSST 2020 invites researchers, developers and specialists in the related areas of decision making, including its methodologies and technologies, as well as application oriented practitioners directed to the implementation of solutions for DSS challenges, to submit their work to the ICDSST 2020 Conference.

**Contributions:** We encourage submissions addressing (among others) the suggested topics listed below. Authors are requested to submit full papers, short papers or posters. Full papers should be 11-13 pages long using LNBIP template from Springer by following “Instructions for Authors”. Short papers should have up to 6 pages and should use the Short-Paper ICDSST 2020 Template. Posters should use the Poster ICDSST 2020 Template. Accepted submissions will either be published in the Springer LNBIP Book (long papers) or in the ICDSST 2020 Conference Proceedings (short papers and posters). All

Templates can be found in the ICDSST2020 Homepage CfP page: <https://icdsst2020.wordpress.com/call-for-papers/>. All papers and posters should be submitted to the ICDSST 2020 via the following EasyChair account: <https://easychair.org/conferences/?conf=icdsst2020>.

**ICDSST 2020 Publications:** As in previous EWG-DSS ICDSST Conferences, accepted papers may be published through various means, including the conference proceedings, Springer book series – Lecture Notes in Business Information Processing (LNBIP), and Special Issues in DSS related journals, including the [International Journal of Decision Support System Technology \(IJDSST\)](#), the official partner Journal of the ICDSST conferences, and the [International Transactions in Operational Research \(ITOR\)](#). Proceedings of the ICDSST 2020 on “Cognitive Decision Support Systems & Technologies” (containing abstracts of all accepted papers, with an ISBN number) will be Guest Edited at University of Zaragoza. Details about the ICDSST 2020 Publications and Guest-Editors will be updated in the Conference Homepage.

Link: <https://icdsst2020.wordpress.com/call-for-papers/publications/>.

ICDSST 2020 Suggested Paper Topics ( <i>but not limited to</i> ):	Deadlines for submission:
Decision Support Systems: Advances and Future Trends Multi-Attribute and Multi-Criteria Decision Making Knowledge Acquisition, Management, Extraction, Visualisation, and Decision Making Multi-Actor Decision Making: Group and Negotiated Decision Making Collaborative Decision Making and Decision Tools Discursive and Collaborative Decision Support Systems Mobile and Cloud Decision Support Systems Applied Decision Support Systems GIS and Spatial Decision Support Systems Data Science. Data Mining, Text Mining, and Sentimental Analysis Big Data Analytics Imaging Science (Image Processing, Computer Vision and Pattern Recognition) Human-Computer Interaction Internet of Things Social Network Analysis for Decision Making Simulation Models and Systems, Regional Planning, Logistics and Traceability Mobility City Business Intelligence and Quantum Economy Machine Learning, Natural Language Processing, Artificial Intelligence Virtual and Augmented Reality New Methods and Technologies for Cognitive Decision Making Cognitive DSS and Cognitive Technologies Affective DSS and Affective Technologies Cognitive Computing Cognitive Applications (cognitive democracy and participation, cognitive risk management, etc.) General DSS Case Studies (Business Intelligence, Education, E-Government, Energy, Entrepreneurship, Environment, Health Care, Industrial Diversification and Sustainability, Innovation, Logistics, Natural resources etc.)	<b>Full Papers:</b> Submission: 18 December 2019 Notification of acceptance: 15 February 2020 Camera ready version: 28 February 2020  <b>Short Papers:</b> Submission: 01 March 2020 Notification of acceptance: 10 April 2020 Camera ready version: 20 April 2020  <b>Posters:</b> Submission: 15 March 2020 Notification of acceptance: 10 April 2020 Camera ready version: 20 April 2020

All EWG-DSS founding members and senior Collaborators from other EURO WGs and DSS Communities, who have consistently contributed to the research in the DSS area in the last years, are highly encouraged and invited to submit their contributions and participate in the conference. For further information contact the EWG-DSS: [ewg-dss@fccdp.com](mailto:ewg-dss@fccdp.com).

***Looking forward to seeing you in Zaragoza in 2020!***

