

16th IEEE International Conference on Semantic Computing (ICSC 2022)

Submitted by [rene](#) on Sun, 2021-11-14 17:47

- [conference](#)
- [icsc](#)
- [semantic computing](#)
- [Semantic Web](#)

Start: 2022-01-26

End: 2022-01-28

Timezone: US/Pacific

16th IEEE International Conference on

SEMANTIC COMPUTING

January 26-28, 2022

Virtual

<http://www.ieee-icsc.org>

The 16th IEEE International Conference on Semantic Computing (ICSC2022) addresses the derivation, description, integration, and use of semantics ("meaning", "context", "intention") for all types of resource including data, document, tool, device, process and people. The scope of ICSC2022 includes, but is not limited to, analytics, semantics description languages and integration (of data and services), interfaces, and applications.

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ICSC2022 will be held with a hybrid model that authors and general audiences may choose to participate either in person or remotely. The technical program of ICSC 2022 will include workshops, invited keynotes, paper presentations, panel discussions, poster sessions, and more. Submissions of high-quality papers describing mature results or ongoing work are invited.

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Regular papers should be no longer than eight (8) pages, industry and concise papers should be no longer than four (4) pages, and posters should be no longer than two (2) pages. Authors are invited to submit technical paper manuscript in double-column IEEE format following the guidelines available on the ICSC2022 web page. Papers (4 to 8 pages) are also invited for the resource track. The conference proceedings will be published by IEEE Computer Society Press. Distinguished quality papers presented at the conference will be selected for publication in internationally renowned journals (SCI, EI, and/or Scopus indexed). ICSC2022 will also select and present a best paper award, a best student paper award, a best PhD workshop paper award, and a best student opponent award.

Topics for submission include but are not limited to:

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Content Analysis (from contents to semantics)

structured data

image and video

audio and speech

user-generated content

big data

natural language

deep learning

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Description and Integration (of data and services)

semantics description languages

ontology integration

interoperability

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Use of Semantics in IT Applications

multimedia

IoT

cloud computing

SDN

wearable computing

mobile computing

search engines

question answering

robotics

web services

security and privacy

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Use of Semantics in Interdisciplinary Applications including Industry Applications

biomedicine

healthcare

manufacturing

engineering

education

finance

entertainment

business

science

humanities

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Interface

natural language

multi-modal

conversational agents



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