



August 24 – 26, 2020,
Novi Sad, Serbia

inista 2020

2020 International Conference
on INnovations in Intelligent
SysTems and Applications

MADRID

CLOSING

GDYNIA

NOVI SAD

SINAIA

ALBENA

SOFIA

TRABZON

ALBEROBELLO

ISTANBUL

THESSALONIKI

KAYSERI



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- INISTA 2020 main track in **10 thematic sessions**
 - **Session 1:** Applications of deep learning
 - **Session 2:** Algorithms and theoretical analyses
 - **Session 3:** Intelligent techniques in medical domains
 - **Session 4:** Smart and IoT systems
 - **Session 5:** Natural language processing and text mining
 - **Session 6:** Security and privacy in modern systems
 - **Session 7:** Contemporary intelligent techniques in robotics
 - **Session 8:** Advanced software engineering techniques
 - **Session 9:** Machine learning in contemporary research
 - **Session 10:** Computer vision and image processing
- 2 workshops were planned but canceled:
 - [WASA 2020](#) - 10th Workshop on Applications of Software Agents
 - [BPMoIE 2020](#) - Business Process Management over IoE (Internet-of-Everything)
- 4 invited speakers, 3 tutorials, 3 H2020 project presentations



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- **Papers submitted to INISTA 2020 - 80 papers; WASA – 5 papers**
- 191 authors from 29 countries
- Turkey – 40; Serbia – 34; UK -18; Bosnia and Herzegovina -15; Greece – 10,....
- 51 accepted papers, presented and will be included in the Proceedings
- If you need **Certificate of Attendance** to INISTA 2020 – send us e-mail with request till end of week

- 29 countries all over the world: Algeria, Austria, Bangladesh, Bosnia and Herzegovina, Bulgaria, China, Croatia, Germany, Greece, Hungary, India, Iran, Italy, Lithuania, North Macedonia, Poland, Portugal, Romania, Russia, Saudi Arabia, Serbia, Slovenia, South Korea, Spain, Taiwan, Tunisia, Turkey, United Kingdom, United States



CONFERENCE PROCEEDINGS

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AIM AND SCOPE
International Conference on INnovations in Intelligent SysTems and Applications (INISTA) has been organized since 2005. It aims to bring together the researchers from the entire spectrum of the multi-disciplinary fields of intelligent systems and to establish effective means of communication between them. In particular, it focuses on all aspects of intelligent systems and the related applications, from the points of view of both theory and practice. Apart of the main track it includes also workshops, tutorials, special sessions and plenary talks given by invited speakers.

Organizers
SKAMLJA Association
Yildiz Technical University (Turkey)
Department of Mathematics and Informatics, Faculty of Sciences (Serbia)

General Chairs
Mirjana Ivanović, University of Novi Sad, Serbia
Tülay Yildirim, Yildiz Technical University, Turkey
Goce Trajčevski, Iowa State University, USA

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Ladjel Bellatreche, ENSMA, Poitiers, France
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Petia Koprinkova-Hristova, Bulgarian Academy of Sciences, Bulgaria
Jerome Darmont, Université de Lyon, Lyon, France

Tutorial Co-Chairs
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Vladimir Kurbalija, University of Novi Sad, Serbia

Publicity Chairs
Amelia Badica, University of Craiova, Romania
Burcu Erkmen, Yildiz Technical University, Turkey
Miloš Savić, University of Novi Sad, Serbia

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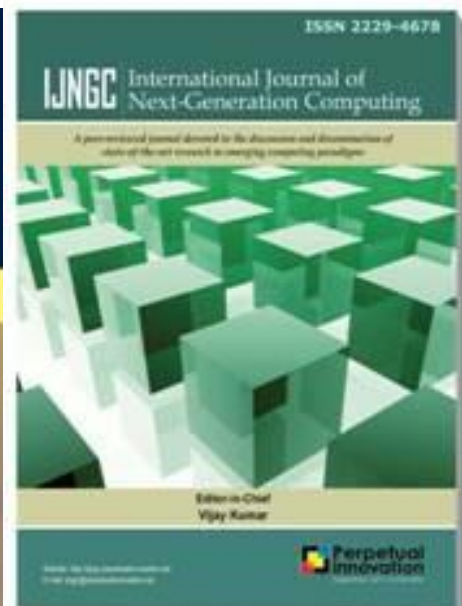
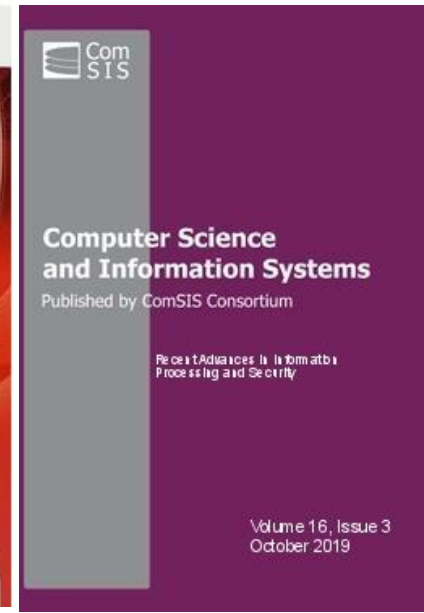
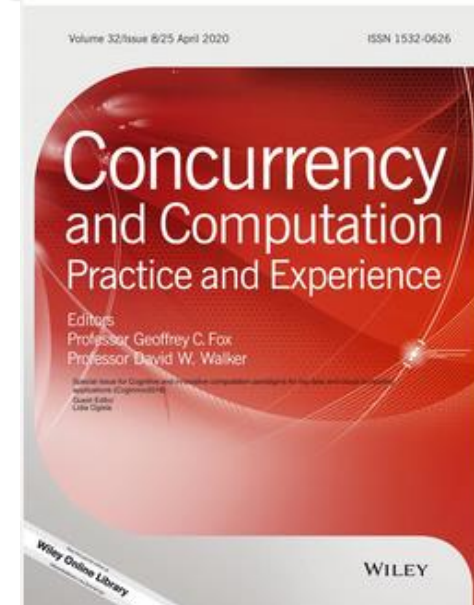
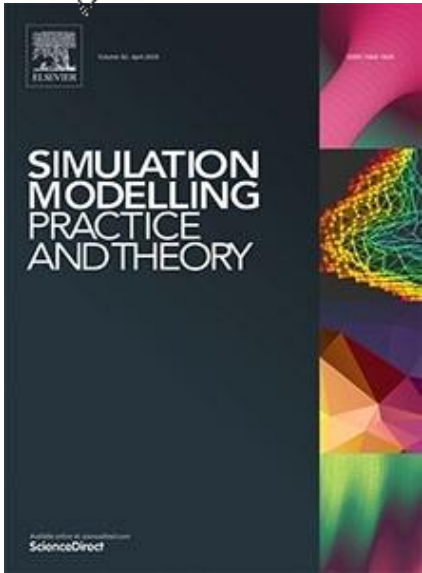
Edited by:
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Tülay Yildirim,
Goce Trajčevski,
Costin Badica,
Ladjel Bellatreche,
Igor Kotenko,
Amelia Badica,
Burcu Erkmen,
Miloš Savić

Link to proceedings after conference will be send to you to download it

Proceedings will be submitted soon after the Conference in IEEE Xplore digital library and hopefully will be approved as in previous years

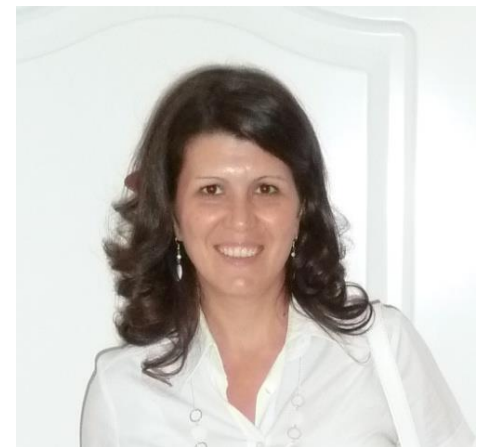


SPECIAL ISSUES/SECTIONS IN JOURNALS





- THANKS A LOT TO AUTHORS, REVIEWERS, CHAIRS OF DIFFERENT INISTA 2020 BOARDS
- GREAT OPORTUNITY TO COLLABORATE WITH PARTICIPANTS FROM ALL OVER THE WORLD
- THANKS TO LOCAL ORGANIZING COMMEETTEE (ESPECIALLY:
Jovana Vidakovic, Brankica Bratic and Sasa Pesic)



- **THANKS A MILLION TO Tülay Yildirim WHO ESTABLISHED THIS CONFERENCE AND GAVE US OPORTUNITY TO ORGANIZE IT THIS YEAR**



CLOSING – The best paper award

- It was not easy to select the best paper as several of them has high grades
- Taking into account several criteria we make decision

The best paper of INISTA 2020 is

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Best Paper Award

presented to

Hasan Kivrak, Furkan Cakmak, Hatice Kose and Sirma Yavuz

for the paper titled

**A multilevel mapping based pedestrian model for social robot
navigation tasks in unknown human environments**

Prof. Dr. Mirjana Ivanović
University of Novi Sad, Serbia

Prof. Dr. Tülay Yildirim
Yildiz Technical University, Turkey



CLOSING – INISTA 2020

- Hard work is behind us but also full of challenges, satisfaction, and joy, we are sorry that had no possibility to meet each other F2F
- In future we will select the best graded papers to be extended for special issues in Journals, we will contact authors soon
- We hope that this pandemic situation will pass soon and that we will continue with “normal” life
- We wish to all of you health, patience, and successful private and professional life
- We hope to meet you soon somewhere at some interesting event but F2F



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