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************************* Call for Papers *************************
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The 14th International Symposium on
Intelligent Distributing Computing
(IDC 2021)

Sep 16-18, 2021, Online Conference, Italy

http://idc2021.unirc.it/index.html

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*** Important Dates ***

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Tutorials/Workshops/Special sessions -

Proposal:	March	1st, 2021
Notification of acceptance:	March	14th, 2021

Paper submission (extended):	August	15th,2021
Notification of acceptance:	August	31st,2021
Final paper submission:	September	10th,2021
Symposium dates:	September	16th-18th,2021

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Due to logistical difficulties caused by the pandemic situation from COVID, the 14th International Symposium on Intelligent Distributed Computing (IDC 2021) will be held in virtual and without fee. The symposium proceedings will always be published on Springer and indexed in SCOPUS.

The main goal of the IDC symposium is to gather researchers and practitioners to foster and ease rich discussions around the latest findings, research achievements and ideas in the area of Intelligent Distributed Computing.

The IDC 2020 provides an open forum for enhancing the collaboration between researchers, lecturers, and students from Intelligent Computing and Distributing Computing communities. Intelligent Computing covers a hybrid palette of methods, techniques and their applications ranging from classical artificial intelligence, information and data sciences, multi-agent technologies or computational intelligence to more recent trends such as swarm intelligence, bio-inspired computation, cloud computing, machine learning or social-cyber-physical trust and security. Distributed Computing develops methods and technology to build complex computational systems composed of collaborating software components scattered across diverse computational elements.

*** Scope ***

IDC 2021 welcomes scientific contributions addressing different aspects of the satisfiability problem, interpreted in a broad sense. Topics include, but are not restricted to:

* Theoretical advances
* Practical search algorithms
* Knowledge compilation
* Implementation-level details of SAT solving tools
* Problem encodings and reformulations
* Applications
* Case studies based on rigorous experimentation

IDC 2021 welcomes research works centered on all aspects of intelligent distributed computing, with an intention to balance between theoretical research ideas and their application to great variety of industrial cases. To this end, scholars and practitioners from academia and industrial fields are invited to submit high-quality original contributions to IDC 2021. The structure of the symposium consists of regular sessions with technical contributions reviewed and selected by an international program committee, as well as of special sessions and workshops targeted on multi-disciplinary and cutting-edge topics.

Topics include, but are not restricted to:

* Distributed swarm robotics systems
* Ephemeral and Unreliable computing
* Intelligent Distributed Applications
* Intelligent Distributed and High-Performance Architectures
* Intelligent Distributed Knowledge Representation and Processing
* Intelligent Transportation Systems
* Internet of Things
* Nature-inspired methods for supervised and unsupervised data mining
* Networked Intelligence
* Organization and Management
* Parallel metaheuristics for optimization

*** Paper Categories ***

Submissions to IDC 2021 are solicited in three categories.
* Full papers   (10 pages)
* Short papers   (6 pages)
* Posters   (3 pages)

All the contribution must be formatted according to the Springer LaTeX llncs2e style.

*** Submissions ***

Submissions should not be under review elsewhere nor be submitted elsewhere while under review for IDC 2021, and should not consist of previously published material. Submissions not consistent with the above guidelines may be returned without review.

Submissions and reviews are automatically and exclusively handled by EasyChair.

Please submit your paper at:
https://easychair.org/conferences/?conf=idc2021

One author of each accepted paper is expected to present it at the conference.

Further details can be found at the website of IDC 2021:
http://idc2021.unirc.it/index.html

*** Proceedings ***

The proceedings will be published by Springer in the series Studies in Computational Science, see www.springer.com

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*** Organization ***

Symposium Contacts

General Chairs:
Prof. David Camacho   – University Politechnic of Madrid, Spain
Prof. Domenico Rosaci   – University Mediterranea of Reggio Cal., Italy
Prof. Giuseppe M. L. Sarne' – University of Milan Bicocca, Italy
Prof. Mario Versaci   – University Mediterranea of Reggio Cal., Italy

Organizer:
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Igor Kotenko, St. Petersburg Federal Research Center of the Russian
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Mirjana Ivanovic, University of Novi Sad, Serbia
Jason J. Jung, Chung-Ang University, South Korea
Paolo Novais, University of Minho, Portogallo
Andrea Omicini, University "Alma Laurea Studiorum" of Bologna, Italy

Publication Chair:
Fabrizio Messina, University of Catania, Italy

Publicity Co-Chairs:
Giancarlo Fortino, University of Calabria, Italy
Costin Badica, University of Craiova, Romania

Special Sessions Co-Chairs:
Antonio Liotta, University of Bozen, Italy
Claudio Savaglio, University of Calabria, Italy

Finance Chair:
Antonio Guerrieri, ICAR-CNR, Italy

Award Committee Chair:
Francesco Carlo Morabito, University Mediterranea of Reggio Cal., Italy

Local Arrangements Co-Chairs:
Daniela Streva, University Mediterranea of Reggio Cal., Italy
Lidia Fotia, University of Calabria, Italy
Maurizio Campolo, University Mediterranea of Reggio Cal., Italy