

Important Dates

Paper submission	June 30th, 2019
Notification	August 25th, 2019
Camera-ready	September 5th, 2019
Workshop proposals	May 27th, 2019
Tutorial proposals	June 15th, 2019
Conference dates	October 28th-31st, 2019

Conference committee

Conference chairs:

- Matteo Baldoni • Yuko Sakurai

Program chairs:

- Mehdi Dastani • Beishui Liao • Rym Zalila-Wenkstern

Contacts

The PRIMA 2019 local organizers can be contacted at the following e-mail address:

prima2019@di.unito.it

Website

<https://prima2019.di.unito.it/>



Location

PRIMA 2019 will be hosted by the University of Torino in the historical Rectory building.

Palazzo del Rettorato
Università degli Studi di Torino
Via verdi, 8
10124 Torino TO
Italy

The city of Torino



Torino (Turin) is a city and an important business and cultural center in northern Italy. It was the **first capital city of Italy** from 1861 to 1865.

The city has a rich culture and history, being known for its restaurants, churches, palaces, squares, parks, gardens, theatres, libraries, and museums. Torino is known for its Renaissance, Baroque, Rococo, Neo-classical, and Art Nouveau architecture.

Torino hosts prestigious museums and monuments, including the Egyptian Museum and the Mole Antonelliana, which hosts the National Museum of Cinema.

The 22nd International Conference

on

Principles and Practice
of Multi-Agent Systems

PRIMA2019

Torino, Italy

October 28th-31st, 2019



UNIVERSITÀ DEGLI STUDI DI TORINO

The PRIMA Conference

Agent-based Computing addresses the challenges in managing distributed computing systems and networks through monitoring, communication, consensus-based decision-making and coordinated actuation. Intelligent agents and multi-agent systems have demonstrated the capability to use intelligence, knowledge representation and reasoning, and other social metaphors like 'trust', 'game' and 'institution', not only to address real-world problems in a human-like way but also to transcend human performance. This has had a transformative impact in many application domains, particularly in e-commerce, and also in planning, logistics, manufacturing, robotics, decision support, transportation, entertainment, emergency relief & disaster management, and data mining & analytics.

The 22nd International Conference on Principles and Practice of Multi-Agent Systems (PRIMA 2019) will include invited talks and presentations for refereed submissions, as well as workshops and tutorial sessions.

For more information about the PRIMA series of conferences, please visit the Steering Committee's webpage: www.prima-conference.org

Call for Papers

PRIMA 2019 invites submissions of original, unpublished, theoretical and applied work strongly relevant to multiagent systems, including reports on the development of prototype and deployed agent systems, and of experiments that demon-

strate novel agent system capabilities.

The papers can be submitted to one of the following categories:

Regular papers: up to 16 pages, in the Springer LNCS format. Some regular papers may be accepted as short papers.

Short papers: up to 8 pages, in the Springer LNCS format. These papers will be reviewed with an emphasis on novelty/originality of the idea.

All the submitted papers must be in a form suitable for **double-blind review**.

All accepted papers will be published in Springer's **Lecture Notes in Artificial Intelligence** series (LNCS/LNAI).



A selected number of papers will also be invited to submit an extended version to a fast track of some international journal.

Topics of Interests

Topics of interest include (but are not limited to) the following:

- Logic and reasoning
- Engineering Multi-Agent Systems
- Agent-Based Modeling and Simulation
- Collaboration & Coordination
- Economic paradigms
- Human-Agent Interaction
- Decentralized Paradigms
- Application Domains for Multi-Agent Systems

Social-Science Track

In order to intensify interaction with the social sciences, PRIMA successfully launched a social-science track in 2016.

Papers accepted in this track will not be published in the conference proceedings, but authors will be offered a fast-track submission to the Journal of Artificial Societies and Social Simulation.

Workshop and Tutorial Proposals

PRIMA 2019 invites proposals for the Workshop and Tutorial Programs.

Workshops provide the ideal setting to discuss technical topics in an atmosphere that promotes active exchange of ideas. Researchers can delve deeply into research topics, focus on application issues, and discuss the most advanced research.

Workshop formats that are innovative will be highly regarded, such as: **panel discussions, demo sessions, invited talks**.

Tutorials should serve one, or more of the following objectives:

- Introduce novices to major topics of research in the PRIMA community;
- Provide instruction in established practices and methodologies;
- Survey a mature area of research or practice;
- Motivate and explain topic of emerging importance to the PRIMA community;
- Survey an area of research especially relevant for people from industry.