

# Conferences 2019

Archives: [2019](#)

## QFTHEP-2019

The XXIV International Workshop High Energy Physics and Quantum Field Theory ([QFTHEP-2019](#))

September 22 – September 29, 2019. Sochi, Russia

**Abstract submission: August 1st, 2019**

## 3rd International Conference "Computer Algebra"

[3rd International Conference "Computer Algebra"](#),

Moscow, June 17-21, 2019

**Submission deadline: April, 12, 2019.**

## 21st WORKSHOP ON COMPUTER ALGEBRA

[21st WORKSHOP ON COMPUTER ALGEBRA](#) May 23-24, 2019, Dubna

**The deadline for registration and abstracts is May 13, 2019.**

## Events/Conferences 2020

Archive: [2019](#), [2018](#)

### DLC-2020

[IV International Workshop "Data life cycle in physics", DLC-2020](#)

Main topics

- Data centres in astroparticle physics
- Organization and maintaining of data life cycles
- Data and metadata management in experimental physics
- Large-scale distributed data storages
- Combined data analysis in astroparticle physics
- Intellectual methods of data analysis for combined datasets

- Open data in physics
- Outreach and education in astroparticle physics

#### Important dates

- Abstract submission — May 18, 2020
- Notification of acceptance — May 25, 2020
- Registration for participation — June 1, 2020
- Beginning of the Workshop — June 8, 2020
- End of the Workshop — June 10, 2020
- Paper submission — June 22, 2020

## **GRID-2020**

### [The 9th International Conference "Distributed Computing and Grid Technologies in Science and Education" \(GRID'2020\)](#)

7 - 11 September, 2020 Dubna, Russia

#### Conference Topics:

- Distributed computing systems - technologies; architectures; models; operation and optimization; middleware and services.
- Research infrastructure - networking; computing centre infrastructure; facility integration of heterogeneous resources; monitoring; decision support and management tools.
- Computing for MegaScience Projects (LHC, NICA, FAIR, SKA, PIC, XFEL, ELI, etc.)
- Distributed computing applications - in science; in education; in industry and business.
- HPC - supercomputers; CPU architectures; GPU; FPGA; HPC applications.
- Data Management, Organisation and Access - databases; distributed storage systems; Datalakes.
- Virtualization - cloud computing; virtual machines; container technologies.
- Quantum information processing - Quantum machine learning; Quantum computing for HEP; Quantum communication; Quantum internet; Simulation of quantum information processing.
- Big data Analytics and Machine learning.

#### Important deadlines:

- Abstract submission - 31 July 2020 (at Indico online registration)
- Visa support - 14 August 2020
- Registration to the Conference - 10 August 2020 (online)
- Early registration fee payment - until 1 July 2020
- Arrival and hotel accommodation - from 6 September 2020
- Departure - on 12-13 September 2020

## **CSP-2020**

### [4th International Conference Computer Simulations in Physics and beyond](#)

Moscow, 12-16 October 2020

Contributed presentations (oral talks/online presentations)

- 15 May 2020 - Abstract submission for online presentations DEADLINE
- 31 July 2020 - Contribution acceptance of oral/online presentations notification

#### Registration dates

- 1 March - 31 August, 2020 - early registration (standard conference fee)
- September 01 - October 16, 2020 - late registration (conference fee + 17%)

#### Topics of parallel sections

1. Simulations in statistical physics
2. Physics and mechanics of polymers
3. Space research: simulations and big data
4. Methods and software for simulations in research and engineering (hydrodynamics, aerodynamics, - etc.)
5. Computational and statistical genomics
6. Simulations in material science
7. Simulations and analysis of social networks
8. Precision many-body physics
9. Simulation and analysis of technical networks (roads, urban transportation, data networks, etc.)
10. Algorithms and methods of information transmission and signal processing
11. Algorithms, methods, and tools with properties of scalability and enhanced parallel simulations
12. Informatics and education

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