



International Conference
“Advanced and Competitive
Manufacturing Technologies”
31st May – 2nd June 2021

Moscow State University of Technology «STANKIN», Moscow, Russia
Московский Государственный Технологический Университет «СТАНКИН», Москва, Россия

<http://acmt2020.stankin.ru>

Call for papers

The ACMT 2020 Organizing Committee cordially invites you to participate in the International Conference on Advanced and Competitive Manufacturing Technologies, which will be held in Moscow, Russia. The conference will be a

place for researchers and representatives of industry with the scope to show the advances of technologies, innovations and visions in the area of manufacturing technologies.

Organisation

Conference chairwoman:

Prof. Elena Georgievna Kataeva - rector MSUT Stankin

Conference co-chairmen:

Prof. Andrey Anatolievich Kutin, MSUT Stankin, Russia

Prof. Konrad Wegener, ETH Zürich, Switzerland

International advisory board:

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- Dr. M. Kliuev (Russia/Switzerland)
- Dr. J. Koriath (Germany)
- Prof. P. Krajnik (Sweden)
- Prof. L. Kroll (Germany)
- Prof. B. Lauwers (Belgium)
- Prof. G. Martinov (Bulgaria/Russia)
- Prof. A. Matsubara (Japan)
- Prof. S. Melkote (USA)
- Prof. M. Monno (Italy)
- Prof. R. Neugebauer (Germany)
- Prof. J. Rech (France)
- Prof. M. Schenk (Germany)
- Prof. R. Schröter (Brasil)
- Prof. I. Smurov (Russia/France)
- Prof. R. Teti (Italy)
- Prof. A. Vasiliev (Russia)
- Prof. T. Zaborowski (Poland)

Conference venue

Russia's capital Moscow is home to around 13 million people and is an iconic, world-famous city with almost 1000 years of history. Best known for its architectural wonders including the Kremlin complex, Red Square and St Basil's Cathedral, Moscow is a huge educational, cultural and industrial center which also makes it one of the top twenty largest cities in the world. Moscow is the largest science center in Russia. The headquarters of the Russian Academy of Sciences as well as research and applied science institutions are located here.

In 1930, the Moscow State Machine Tool Institute was founded mainly as a school for engineers in the field of machine tools and production engineering. In 1992 it became the Moscow State University of Technology «Stankin». There are many well-known scientists and engineers who attended MSUT «Stankin». Today, about 5'000 students are matriculated in four institutes of technical and scientific disciplines. The key research areas represented by the institutes are namely production engineering, automation and robotics, information technologies, economics and management.

Location: Campus of SKOLKOVO Business School
<http://school.skolkovo.ru/en/>

Address: *Russia, Moscow region, 143025, Odintsovskiy district, village Skolkovo, St. Novaya, bld.100.*

Address (cyrillic): *Россия, Московская область, 143025, Одинцовский район, деревня Сколково, ул. Новая, д.100.*





Important deadlines

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|--|---------------------|----|----------|------|
| Full paper submission: | 2nd | of | December | 2020 |
| Notification of provisional acceptance of full papers: | 1st | of | February | 2021 |
| Notification of final acceptance of full papers: | 1st | of | March | 2021 |
| Early bird registration: | 15th | of | March | 2021 |
| Final program announcement: | 15th | of | April | 2021 |
| Metalloobrabotka exhibition: | 24.05. – 28.05.2021 | | | |
| Bridging program: | 29.05. – 30.05.2021 | | | |
| ACMT conference: | 31.05. – 02.06.2021 | | | |

Conference topics

The conference covers the following topics but is not limited to those by all means:

- Additive and Hybrid Technologies
- High-Performance and Hard Machining
- Digital Twins of Machine Tools, Processes and Manufacturing Systems
- Precision, Ultra-Precision and Micro-Machining
- Non-Conventional Processes (Laser, EDM, ECM)
- Multiphysics and Multiscale Modelling
- CAD/CAM/CAE - Systems
- Monitoring and Diagnostics
- Sensors and Robotics
- Optimisation of Machining Processes
- High-Precision Measurement
- Cyber-Physical Production Systems
- The Vision of the New Manufacturing

Submission instruction

Authors are invited to directly submit a full paper until 2nd of December English with approximately 6 to 10 pages. Figures cannot be attached to the abstract.

The papers should be submitted to the International Journal of Advanced Manufacturing Technology:

<https://www.editorialmanager.com/jamt/default.aspx>

Further information, also a prepared word template, can be found on the conference website

<https://acmt2020.stankin.ru/>

Publication

All accepted conference reports will be published in editions indexed in bases Web of Science and Scopus.

Registration fee

Early bird registration deadline:

15. March 2021: 400 EUR

Full registration: 500 EUR

Contact

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Вадковский пер., д. 1

Airports of Moscow

- Sheremetyevo (Moscow) SVO/UUEE
- Domodedovo (Moscow) DME/UUDD
- Vnukovo (Moscow) VKO/UUWW

Recommended hotels

- Hotel «Pamir»
- Hotel «Тянь-Шань»

