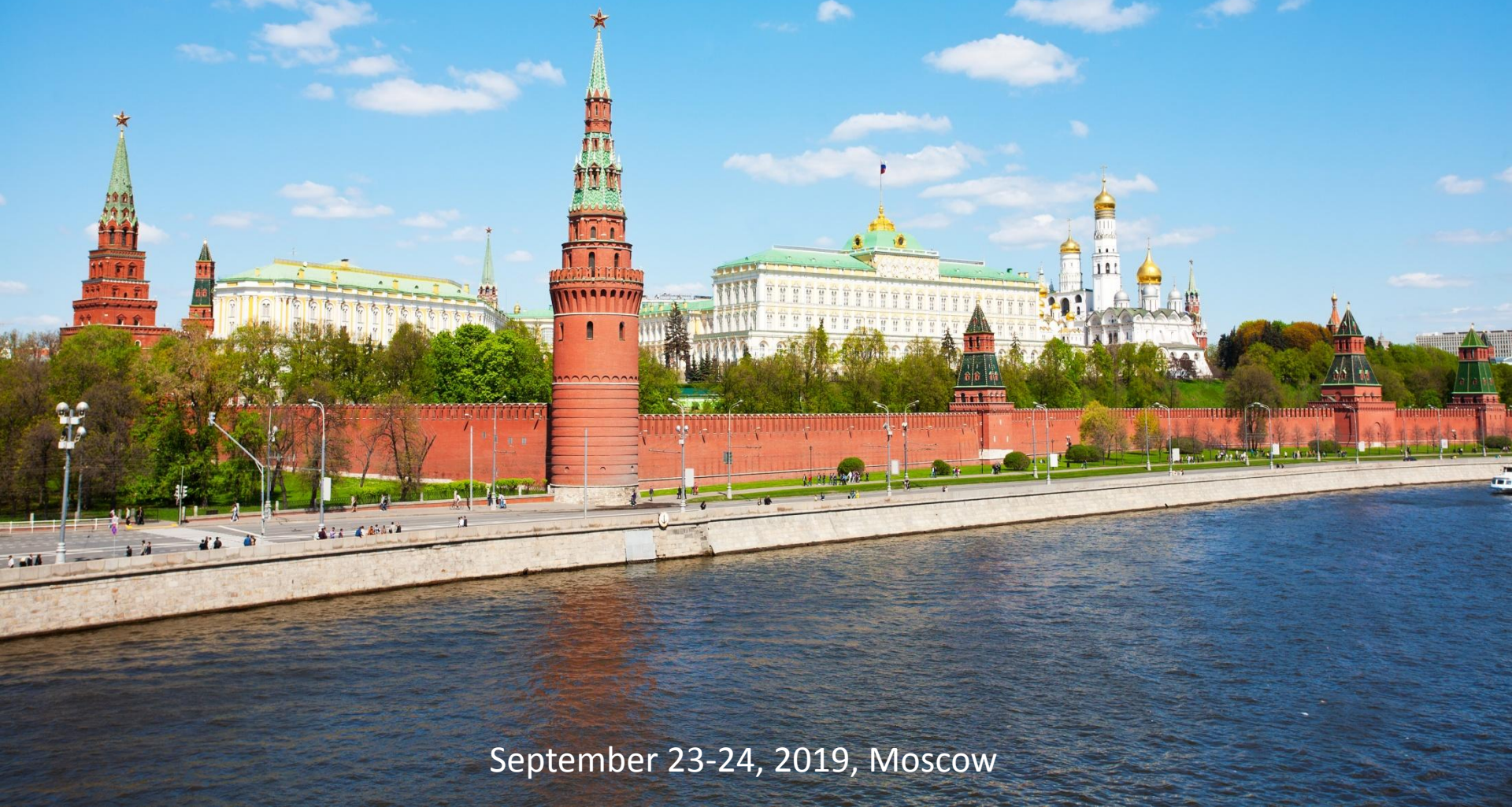


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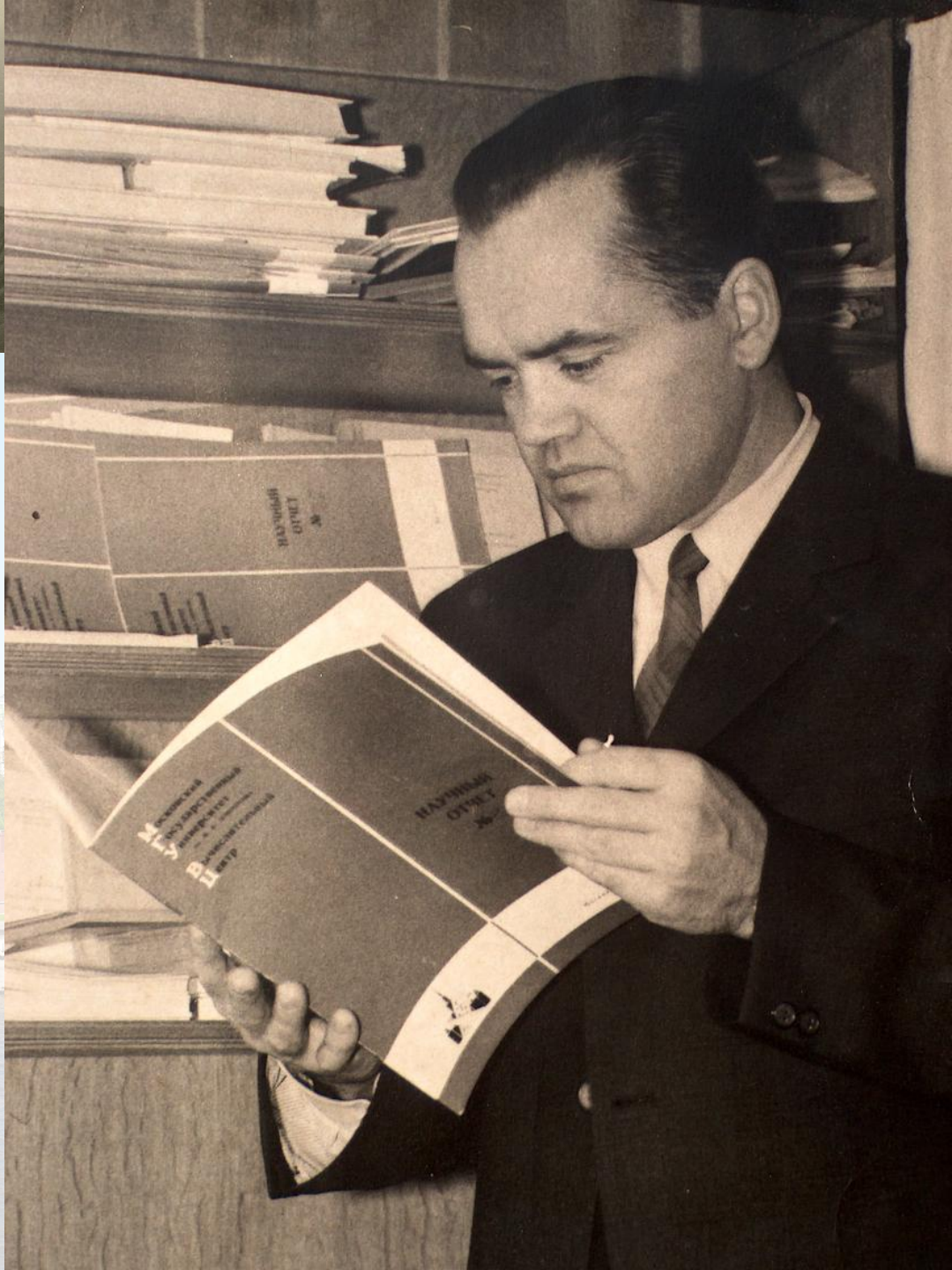
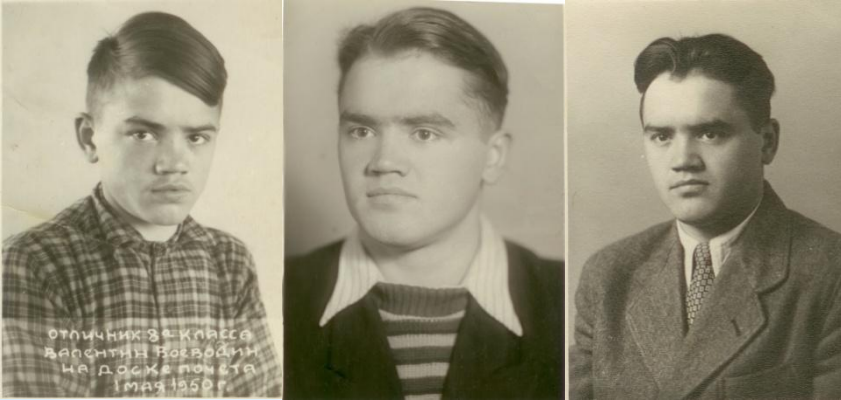


September 23-24, 2019, Moscow

International Conference Russian Supercomputing Days



Academician V.V.Voevodin
(22.03.1934 – 27.01.2007)





MSU Computing Center, 1955



Research group on linear algebra, 1965



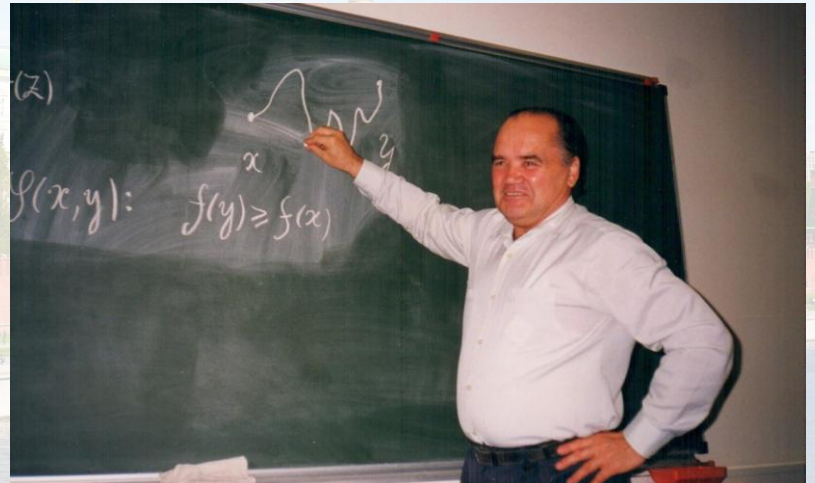
Dean of the Higher Computer School, MSU, 1993

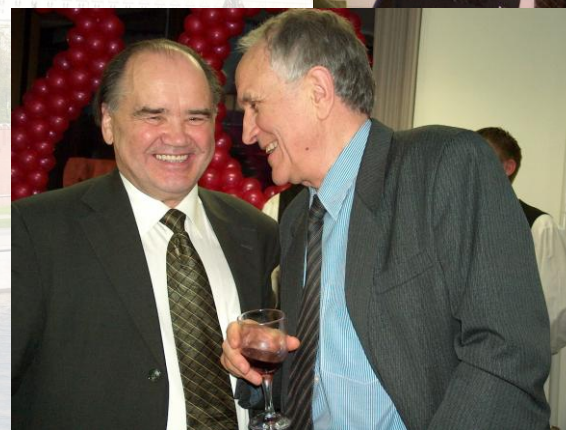


MSU Research Computing Center, 2019



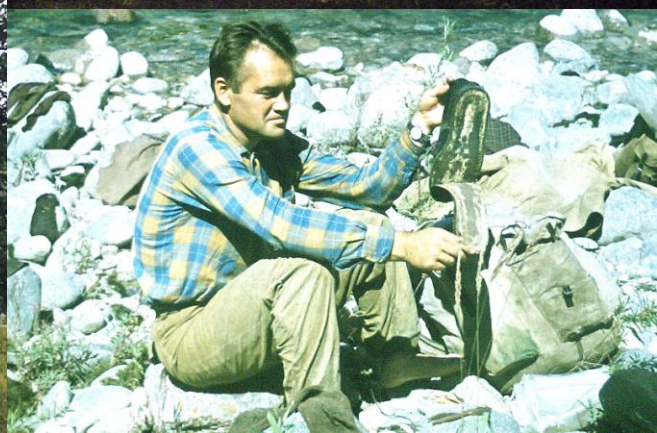
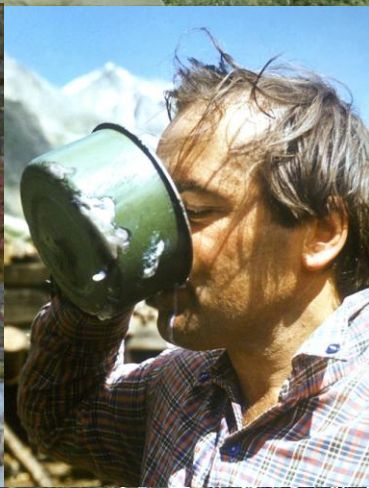
Institute of Numerical Mathematics, RAS, 1993





Institute of Numerical Mathematics, RAS, 2019

Байкал, Таймыр, Тянь-Шань, Алтай, Кавказ, оз.Иссык-куль, Фанские горы, р.Зeya, Крым, р.Уща, р.Тверца, р.Великая...





State Prize of the Russian Government, 2003



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(22.03.1934 – 27.01.2007)

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In Cooperation with:  ISC High Performance

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September, 21st – September, 28th , 2019



Academy educational tracks:

- MPI / OpenMP programming technologies,
- NVIDIA GPU programming technologies,
- Deep Learning on HPC platforms,
- Quantum Informatics,
- Python for HPC.



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Research Paper: October 21, 2019
Pre-Submitted Workshops: November 27, 2019
Project Poster: February 12, 2020
Regular Workshops: February 12, 2020
Tutorials: February 12, 2020
Birds of a Feather: February 19, 2020
PhD Forum: February 19, 2020
Research Poster: March 4, 2020

**AREAS OF
INTERESTS**

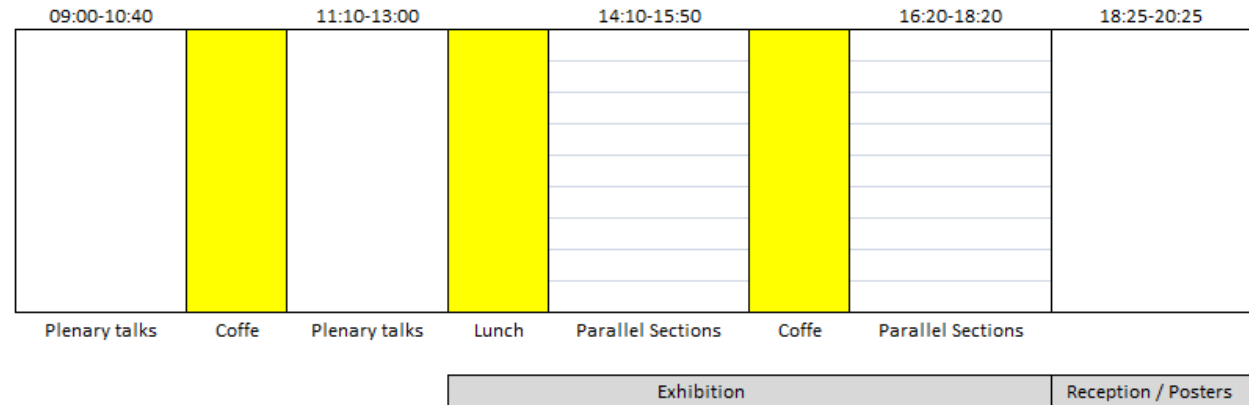
System Architecture – Track Lead: Masaaki Kondo, University of Tokyo
Applications/Algorithms – Track Lead: Hans Bungartz, Technical University Munich
Emerging Technologies – Track Lead: Keren Bergman, Columbia University
Parallel Programming Models & Performance Modelling – Track Lead: Sunita Chandrasekaran, University of Delaware
Machine Learning – Track Lead: Torsten Hoefler, ETH Zuerich
Industrial HPC – Track Lead: TBA

isc-hpc.com/contributed-program-2020

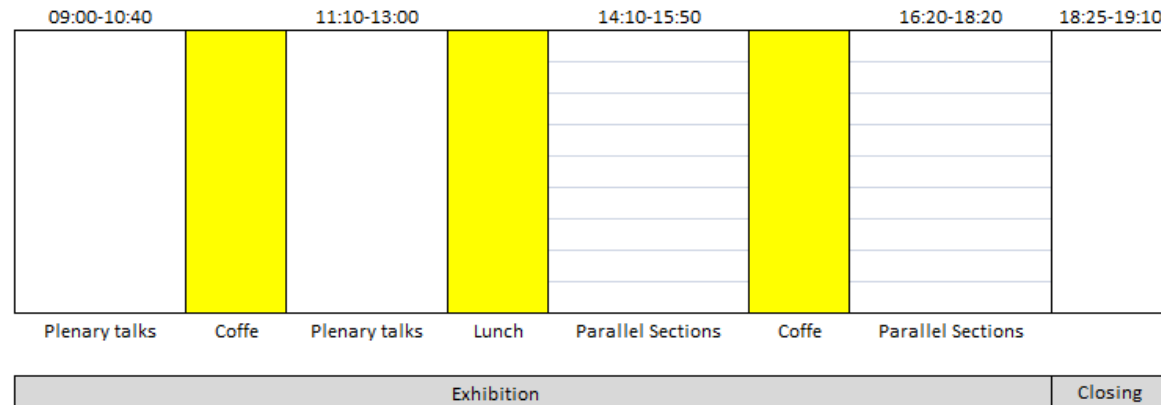


Russian Supercomputing Days: General Schedule

September, 23rd
Monday



September, 24th
Tuesday



International Conference Russian Supercomputing Days

Constellation of Invited Speakers



J.Dongarra



M.Resch



Y.Ishikawa



E.Tyrtyshnikov



H.Kobayashi



R.Sadeghi



V.Gerdt



S.Tikhotskiy

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New Conference Session:

Our Teachers: Remembering Lessons for the Future

(Наши Учителя: вспоминая об уроках на будущее)

September, 23rd, 14:10-15:50 ("Arbat" Hall)



S.A. Lebedev



M.V. Keldysh

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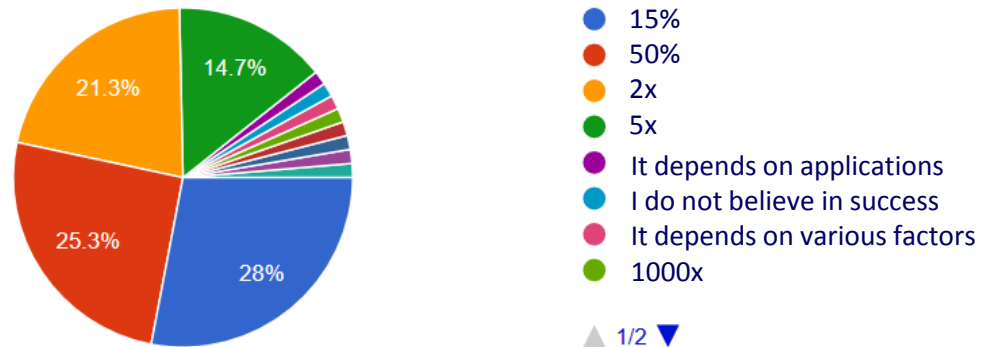
New Conference Workshop:

Quality of Supercomputing Centers

(Инструменты и технологии обеспечения эффективной работы...)

September, 23rd, 14:10-15:50 (“Krasnye Vorota” Hall)

What minimum speed-up of a program is essential for you,
for which you are ready to do an analysis of the effectiveness
and optimization of your program?

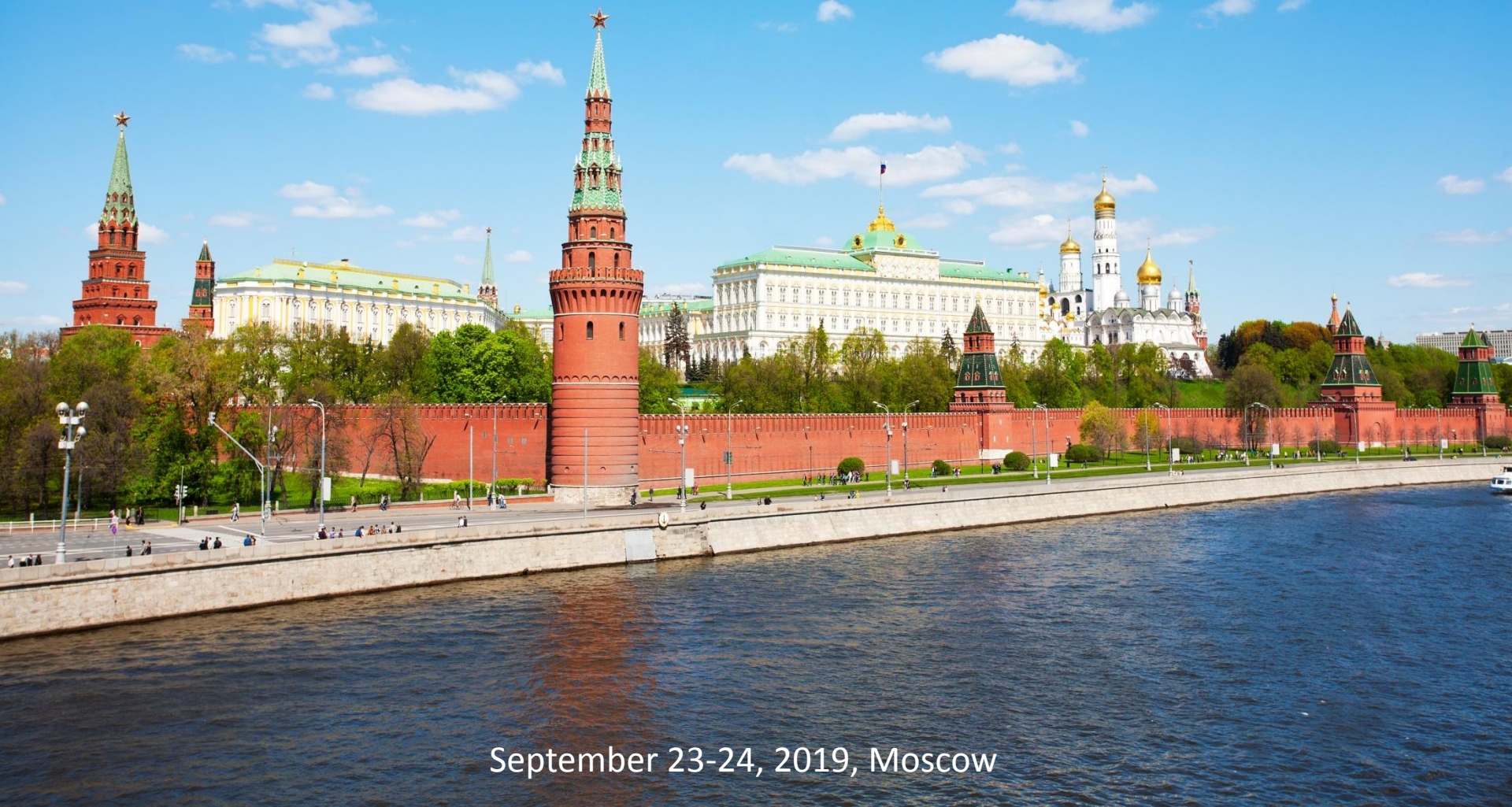


Russian Supercomputing Days: Awards

- Best Research Paper,
- Best Research Report – Industrial Session,
- Best Research Paper – Young Scientists Session,
- Best Research Poster,

Winners will be announced at the Closing Session: September, 24th, 18:25

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September 23-24, 2019, Moscow