

September 22, 2017

Conference Hall, Floor 9

8 Gubkina Str.

**Steklov Mathematical Institute
of the Russian Academy of Sciences**

Applied Mathematics Day

Joint meeting of MI RAS and Huawei

Alexander Holevo <i>MI RAS</i>	Gaussian optimizers and the additivity problem in quantum information theory	15:00 - 15:30
Vasily Usatyuk <i>Huawei</i>	Cycle's topological optimizations and the iterative decoding problem on general graphs	15:30 - 15:50
Sergey Aseev <i>MI RAS</i>	Maximum principle and optimal control problems in economics	15:50 - 16:20
	Coffee break	16:20 - 16:45
Mikhail Kirichenko <i>Huawei</i>	Linear algebra and approximation problems in wireless algorithms design	16:45 - 17:00
Vladimir Podolskii <i>MI RAS</i>	Ontology-based data access meets circuit complexity	17:00 - 17:30
Xuecang Zhang <i>Huawei</i>	Deep learning may need new mathematics	17:30 - 17:40
Dmitri Shmelkin <i>Huawei</i>	Interval coloring of graphs and optical networks	17:40 - 18:00

Organizers

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Abstracts: www.mathnet.ru/conf1249