JAPANESE-RUSSIAN SEMINAR ON TORIC TOPOLOGY AND HOMOTOPY THEORY

26–27 August 2019

Steklov Mathematical Institute
8 Gubkina str., Moscow, Russia

Programme

Monday, 26 August 2019, room 530

10:00–10:50
Seonjeong Park
Torus orbit closures in the flag variety and Bott manifolds

Coffee/tea

11:10–12:00
Anton Ayzenberg
Torus actions on quoric 8-folds

Lunch

13:30–14:20
Tatsuya Horiguchi
A basis of the cohomology ring of a regular nilpotent Hessenberg variety

Coffee/tea

14:40–15:30
Roman Krutowski
Basic cohomology of moment-angle manifolds

15:40–16:30
Takashi Sato
On a representation of the symmetric group on the equivariant cohomology ring of a regular semisimple Hessenberg variety

Tuesday, 27 August 2019, room 530

10:00–10:50
Shintaro Kuroki
Gale dual of a GKM graph and its basic property

Coffee/tea

11:10–12:00
Grigory Solomadin
Monodromy in weight hypergraphs and its applications to torus actions

12:10–13:00
Yakov Veryovkin
The Lie algebra associated with the lower central series of a right-angled Coxeter group

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Organisers:
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http://www.mathnet.ru/eng/conf1608