

BRITISH-RUSSIAN SEMINAR
ON TORIC TOPOLOGY AND HOMOTOPY THEORY

Steklov Mathematical Institute
8 Gubkina str., Moscow, RUSSIA

First Session: **Tuesday, 14 March 2017, room 530**

10:30–11:10 **Matthew Burfitt**

Integral cohomology of the free loop space of complete flag manifolds

11:20–11:50 **Yakov Veryovkin**

Pontryagin algebras of some moment-angle complexes

12:00–12:30 **Ingrid Membrillo-Solis**

Homotopy types of gauge groups related to certain 7-manifolds

Lunch: 12:30–14:00

14:00–14:40 **Dmitry Gugin**

On integral cohomology rings of symmetric products

14:50–15:20 **Xin Fu**

Homotopy fibrations in toric topology

Second Session: **Wednesday, 15 March 2017, room 530**

10:30–11:10 **Nikolay Erokhovets**

Toric topology, and combinatorics of fullerenes and Pogorelov polytopes

11:20–11:50 **Abigail Linton**

Massey products in toric topology

12:00–12:30 **Semyon Abramyan**

Whitehead products and Hurewicz homomorphism for moment-angle complexes

Lunch: 12:30–14:00

14:00–14:30 **Tse-Leung So**

Homotopy types of gauge groups over 4-manifolds

14:40–15:10 **Dmitry Ulyumdzhev**

On cohomology of small covers over polytopes

Third Session: to be held during the week 3-7 April 2017

This activity is part of the Collaborative Research Programme on Toric Topology between Moscow State University, Steklov Mathematical Institute and University of Southampton, supported by the Royal Society and RFBR.

Organisers: **Victor Buchstaber** (Moscow), **Alexander Gaifullin** (Moscow), **Jelena Grbić** (Southampton), **Taras Panov** (Moscow), **Stephen Theriault** (Southampton)