Conference programme (DRAFT)			
"Topology of Torus Actions and Related Topics"			
25.10.2021-29.10.2021			
Monday, October 25, 2021			
Time	**Place**	**Event**	**Lecturer**
08:00 - 9:30		**Breakfast**	
09:30-09:40	Conference hall "Turin"	**Conference opening**	
9:40-10:30	Conference hall "Turin"	Parametric toric topology	Victor Buchstaber
10:40-11:10	Conference hall "Turin"	Gorenstein algebras and quasitoric bundles	Leonid Monin
11:10-11:40		**Coffee break**	
11:40-12:30	Conference hall "Turin" / Zoom	Regular semisimple Hessenberg varieties whose cohomology rings are generated by degree two elements	Mikiya Masuda
12:40-13:30	Conference hall "Turin" / Zoom	Characteristic classes of subsets of tori and their applications	Alexander Esterov
13:30-15:00		**Lunch**	
15:00-15:30	Conference hall "Turin"	Quaternionic conjugation spaces	Theodore Popelenskii
15:40-16:10	Conference hall "Turin"	Every suspension and every homology sphere are 2H-spaces	Dmitry Gugnin
16:20-16:50	Conference hall "Turin"	On a homotopy colimit description for quotients of moment-angle complexes	Grigory Solomadin
16:50-17:20		**Coffee break**	
17:20-17:50	Conference hall "Turin"	3-manifolds represented by 4-regular graphs with three Eulerian cycles	Evgeny Fominykh
18:00-18:30	Conference hall "Turin"	Geometry and algebraic topology of 3-manifolds defined by vector-colourings of polytopes	Nikolai Erokhovets
Tuesday, October 26, 2021			
Time	**Place**	**Event**	**Lecturer**
08:00-09:40		**Breakfast**	
9:40-10:30	Conference hall "Turin"	Root subgroups on affine spherical varieties	Roman Avdeev
10:40-11:10	Conference hall "Turin"	The Lie algebra associated with the lower central series of a right-angled Coxeter group	Yakov Veryovkin
11:10-11:40		**Coffee break**	
11:40-12:30	Conference hall "Turin"	Component group and Galois cohomology of real reductive groups	Dmitry Timashev
12:40-13:30	Conference hall "Turin"	Push-pull polytopes and projective line bundles	Valentina Kiritchenko
13:30-15:00		**Lunch**	
15:00-15:30	Conference hall "Turin"	Schubert polynomials for the classical groups	Eugeny Smirnov
15:40-16:10	Conference hall "Turin"	Mixed Hodge structure on complements of complex coordinate subspace arrangements	Yuri Eliyashev
	Conference hall "Chamonix" / Zoom	On the cohomology of the universal complexes $X(F_p^n)$	Djordje Baralic
16:20-16:50	Conference hall "Turin"	Automorphisms of nonnormal toric varieties	Sergey Gaifullin
	Conference hall "Chamonix" / Zoom	The cohomology rings of real toric spaces and smooth real toric varieties	Matthias Franz
16:50-17:20		**Coffee break**	
17:20-17:50	Conference hall "Turin"	Some results on retracts of polynomial rings	Nikhilesh Dasgupta
	Conference hall "Chamonix" / Zoom	On double cohomology of moment-angle-complexes	Ivan Limonchenko
18:00-18:30	Conference hall "Turin"	Generic flexibility of affine cones over cubic surfaces	Alexander Perepechko
	Conference hall "Chamonix" / Zoom	The double cohomology of moment angle complexes	Donald Stanley
Wednesday, October 27, 2021			
Time	**Place**	**Event**	**Lecturer**
08:00-9:30		**Breakfast**	

Time	Place	Event	Lecturer
9:30		Buses to Krasnaya Polyana	
17:00		Buses back	

Thursday, October 28, 2021			
Time	**Place**	**Event**	**Lecturer**
08:00-9:30		**Breakfast**	
9:40-10:30	Conference hall "Turin"	Right-angled construction of hyperbolic 3-manifolds and link	Andrei Vesnin
11:10–11:40		**Coffee break**	
11:40-12:30	Conference hall "Turin"	Surgery presentation of 3-dimensional small covers	Vladimir Grujic
12:40-13:30	Conference hall "Turin"	Rigid Hirzebruch genera, weights graph and Kosniowski's conjecture	Oleg Musin
13:30-15:00		**Lunch**	
15:00-15:30	Conference hall "Turin"	My adventures with path homology	Fedor Pavutnitskiy
	Conference hall "Chamonix"	On Morse-Smale dynamical systems	Olga Pochinka
15:40-16:10	Conference hall "Turin"	Polynomial Lie algebras of differentiation of hyperelliptic functions	Elena Bunkova
	Conference hall "Chamonix"	On the number of waves arriving at the vertex of a polyhedron	Vsevolod Chernyshev
16:20-16:50	Conference hall "Turin"	N-graded Lie algebras, group actions and critical points	Dmitry Millionschikov
16:50-17:20		**Coffee break**	
17:20-17:50	Conference hall "Turin"	Baumslag rationalization of spaces	Sergei Ivanov
18:00-18:30	Conference hall "Turin"	About cohomogeneity one almost Hermitian structures on the 6-sphere	Natalia Daurtseva

Friday, October 29, 2021			
Time	**Place**	**Event**	**Lecturer**
08:00-9:30		**Breakfast**	
9:40-10:30	Conference hall "Turin" / Zoom	Polyhedral products for connected sums of simplicial complexes	Stephen Theriault
10:40-11:10	Conference hall "Turin" / Zoom	Toric varieties arising from polygon triangulations	Seonjeong Park
11:10-11:40		**Coffee break**	
11:40-12:30	Conference hall "Turin" / Zoom	Puzzle algorithm for finding mod 2 characteristic maps over wedged simplicial complexes	Suyoung Choi
12:40-13:10	Conference hall "Turin" / Zoom	Conic decomposition of a toric variety	Jongbaek Song
13:30–15:00		**Lunch**	
15:00-15:30	Conference hall "Turin"	Whitehead products and substition of simplicial complexes	Semyon Abramyan
15:40-16:10	Conference hall "Turin"	Automorphisms of complex moment-angle manifolds	Grigory Taroyan
16:20-16:50	Conference hall "Turin"	Iterated higher Whitehead products and Adams-Hilton models for polyhedral products	Elizaveta Zhuravleva
16:50-17:20		**Coffee break**	
17:20-17:50	Conference hall "Turin"	Homological properties of parafree Lie algebras	Anatolii Zaikovskii
18:00-18:30	Conference hall "Turin"	Equivariant cohomology rings of moment-angle complexes	Indira Zeinikesheva