Conference "Algebraic groups: the White Nights season II"

Monday 04 July 2022 - Friday 08 July 2022

Leonhard Euler International Mathematical Institute in Saint Petersburg

Programme

Date/Time
Talk
Speaker
4-Jul
09:30-10:00
Opening of the conference
10:00-10:50
Singular Del Pezzo varieties
Yuri Prokhorov
10:50-11:20
Coffee break
11:20-12:10
Toral varieties
Anton Shafarevich
12:20-13:10
Automorphism groups of affine varieties without non-algebraic elements
Alexander Perepechko
13:30-15:00
Lunch
15:00-15:50
Birational automorphism groups of surfaces over finite fields
Konstantin Shramov
15:50-16:20
Coffee break
16:20-16:50
On commuting locally nilpotent derivations and isotropy subgroups
Dasgupta Nikhilesh
16:55-17:25
On unitary Nil K1−groups
Kopeiko Viacheslav
5-Jul
10:00-10:50
Mitosis in Schubert calculus
Valentina Kiritchenko
10:50-11:20
Coffee break
11:20-12:10
Toric degeneration of semi-infinite Grassmannians
Evgeny Feigin
12:20-13:10
Equivariant cohomology of moment-angle complexes with respect to coordinate subtori
Taras Panov
13:30-15:00
Lunch
15:00-15:50
The Golod property of face rings from the topological viewpoint
Ivan Limonchenko
15:50-16:20
Coffee break
16:20-16:50
Super Yangians and Quantum Loop Superalgebras
Stukopin Vladimir
16:55-17:25
Plane Curves: a Linear Algebra Approach
Viktor Lopatkin
17:30-18:00
Gorenstein local algebras and additive actions on projective hypersurfaces

Zaitseva Yulia
6-Jul
10:00-10:50
Danilov-Koshevoy arrays and dual Grothendieck polynomials
Evgeny Smirnov
10:50-11:20
Coffee break

11:20-12:10
Bounded generation of Chevalley groups
Nikolai Vavilov
12:20-12:50
Presentation of relative Steinberg groups of types BCF
Voronetsky Egor
12:55-13:25
On the A1-fundamental group of Chevalley groups.
Sinchuk Sergei
13:30-15:00
Lunch
15:00-18:00
Excursion
7-Jul
10:00-10:50
Orbits of automorphism groups of trinomial hypersurfaces
Sergey Gaifullin
10:50-11:20
Coffee break
11:20-12:10
On some questions around Berest’s conjecture
Alexander Zheglov
12:20-13:10
Noncommutative Novikov algebras
Pavel Kolesnikov
13:30-15:00
Lunch
15:00-15:50
Rota—Baxter operators on the polynomial algebra
Vsevolod Gubarev
15:50-16:20
Coffee break
16:20-16:50
TBA
Styrt Oleg
16:55-17:25
Twisted forms of commutative monoid structures on affine spaces
Gvozdevsky Pavel/Semenov Andrei
17:30-18:00
A generating set of the automorphism group of a graded algebra
Trushin Anton
8-Jul
10:00-10:50
Existence results for B-root subgroups on affine spherical varieties
Roman Avdeev
10:50-11:20
Coffee break
11:20-12:10

Geometry of minuscule A_1-subgroups in E_7
Viktor Petrov
12:20-13:10
Component group of the real locus of a connected linear algebraic group
Dmitry Timashev
13:30-15:00
Lunch
15:00-15:50
Homogeneous algebraic varieties and transitivity degree
Ivan Arzhantsev