

Russia-Vietnam Conference on Algebraic Geometry, Algebraic Groups, Commutative Algebra, and Applications

Monday 24 August 2026 - Friday 28 August 2026

Leonhard Euler International Mathematical Institute in Saint Petersburg

Programme

Monday

10:00-10:50 Regularity functions of powers of graded ideals
Ngo Viet Trung

10:50-11:10
Coffee Break

11:10-12:00 Generators of linear algebraic groups Ivan Arzhantsev

12:10-13:00
On the generalized Bass-Quillen conjecture in dimension 2
Anastasia Stavrova

13:00-15:00
Lunch

15:00-15:50 Induced and Restricted Representations of Kumjian–Pask Algebras of Higher-Rank Graphs
Nguyen Bich Van

15:50-16:10
Coffee Break

16:10-17:00 Root monoids
Yulia Zaitseva

17:10-17:40
Flat surfaces in three homogeneous space
Belarbi Lakehal

Tuesday

10:00-10:50
Homological Invariants of Ideals Associated with Ferrers Diagrams
Do Trong Hoang

10:50-11:10 Coffee Break

11:10-12:00
Chow motives of some Mukai variety
Viktor Petrov

12:10-13:00
On the Regular Borel Subalgebras of the Lie Algebra of $\mathrm{Aut}(\mathbb{A}^2)$
Ananya Pal

13:00-15:00 Lunch

15:00-15:50
Flexibility of spherical varieties
Anton Shafarevich

15:50-16:10
Coffee Break

16:10-16:40

Flexibility of affine horospherical varieties

Veronika Kikteva

16:50-17:20

On flexibility of affine factorial varieties

Kirill Shakhmatov

Wednesday

10:00-10:50

Nilpotency of locally isotropic K_1 functor

Egor Voronetsky

10:50-11:10 Coffee Break

11:10-12:00

Polar Cylinders and G_a -Actions on Affine Cones of Cubic Fourfolds Containing a Plane

Hoang Le Truong

12:10-13:00

Additive actions on projective surfaces with finitely many orbits

Alexander Perepechko

13:00-15:00

Lunch

15:00-15:50

Tangent cones to Schubert varieties for affine Kac–Moody groups and embeddings of Weyl groups

Mikhail Ignatev

16:00-17:00 Poster Session

Thursday

10:00-10:50

Normalizers of Certain Subgroups of a Chevalley

Group over a Ring

Alexei Stepanov

10:50-11:10 Coffee Break

11:10-12:00

Flexibility and the Cox construction

Sergey Gaifullin

12:10-13:00

Explicit Formulas and Bounds for the Depth
of Cocer Ideals Of Graphs

Nguyen Thi Thanh Tam

13:00-15:00 Lunch

15:00-15:50

A Survey of Large Language Models in Automated Theorem Proving / GammaZero: Hierarchical

Search for Automated Theorem Proving
Dang Van Khai / Nguyen Duc Huy

15:50-16:10 Coffee Break

16:10-16:40
Additive actions on degenerate projective hypersurfaces
Ivan Beldiev

Friday

10:00-12:00
Round Table Discussion: «Current Trends in Algebraic Groups, Algebraic Geometry, and
Commutative Algebra»
Moderated by Hoang Le Truong and Anton Shafarevich

12:00 Conference Closing