Linear algebraic groups and related structures

On occasion of the 70 anniversary of Nikolai Gordeev

Leonhard Euler International Mathematical Institute

St Petersburg, 11—12 November 2021

https://indico.eimi.ru/event/437/

Schedule of talks, Moscow Time, CET+2

Thursday. November, 11th:

10:45 – 11:00 Welcome

11:00 – 11:50 A.Vershik (PDMI RAS), "A new look at groups generated by involutions"

12:00-12:50 V.Popov (MI RAS) "Group varieties and group structures of algebraic groups"

13:00 -13:50 C.De Concini (Univ. Roma I), "Paving Springer fibers. The Case of E7".

Break

16:00-16:50 E.Bayer-Fluckiger, (EPF) Lausanne), "Automorphisms of K3 surfaces and isometries of lattices"

17:00-17:50 A. Lubotzky, (Weizmann Inst.), "Stability, non-approximated groups, and high-dimensional expanders "

18:00-18:50 V.Chernousov, (Univ. Alberta) "On conjugacy of Cartan subalgebras in extended affine Lie algebras and classification of torsors over Laurent polynomial rings"

19:15 Informal meeting, greetings, virtual refreshments…

Friday, November, 12th:

9:00 -09:50 A. Merkurjev, (UCLA) "Degree two negligible cohomology of finite groups"

Short break

10:30 – 11:20 A.Thom, (TU Dresden), "Dense images of word maps"

11:30-12:20 I.Panin, (PDMI RAS), "On Grothendieck-Serre conjecture in mixed characteristic."

12.30 -12:55 V.Petrov, (SPbU), "Isotropy of Tits construction"

13:00 --13:25 A.Stavrova (SPbU), "R-equivalence on reductive algebraic groups"

Break

15:30 – 15:55 S.Sinchuk, (SPbU), "On the A1-fundamental groups of Chevalley groups"

16:00 – 16.25 A.Lavrenov, (SPbU), "Morava K-theory of orthogonal groups"

16:30 – 16:55 P.Gvozdevsky, (SPbU), "Bounded reduction of orthogonal matrices over polynomial rings"

17:00 -17:25 E.Voronetsky, (SPbU), "Explicit presentation of relative Steinberg groups".

!7: 30 - Free time, greetings, closing…