

**Monday, September 28, 2026, from 4:45 p.m.
to 6:20 p.m. (Moscow time), room 16-10 and
ZOOM translation**

Nikolaj Yu. Reshetikhin

On superintegrable systems and Poisson Lie groups.

The first part of the talk will provide an overview of superintegrability. A Hamiltonian system on a $2n$ -dimensional symplectic manifold is called superintegrable if its Hamiltonian is the pullback of a function defined on the base of a coisotropic fibration (a fibration in which a generic fiber is a maximal coisotropic submanifold—i.e., of dimension $2n - k$, where k is the dimension of the base). The second part of the talk will demonstrate how to derive superintegrable systems from the geometry of factorized Poisson–Lie groups.

**SCIENTIFIC SEMINAR
“DIFFERENTIAL GEOMETRY AND
APPLICATIONS”**

headed by Academician of RAS Anatoly T. Fomenko

**The zoom-ref is provided only to registered persons
To be registered, ask any participant of our seminar to
endorse you**

**Announcements of previous talks can be found on the
seminar website**

<http://dfgm.math.msu.su/chairsem.php>