

**April 24, 2023**

**Alexey S. Golota**

*Finite groups acting on  
algebraic and complex manifolds*

The study of biregular and birational automorphism groups of projective varieties is a classical area of algebraic geometry. Quite recently some important results concerning “boundedness” properties of finite subgroups in these groups (boundedness of orders, the Jordan property) were obtained. It seems interesting to study the same properties for biholomorphic and bimeromorphic automorphisms of compact complex manifolds. In my talk I will survey this area of research as well as some of my own results. In particular, I will discuss finite groups acting by automorphisms on compact complex parallelizable manifolds.

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

headed by Academician of RAS Anatoly T. Fomenko

The seminar takes place online in ZOOM on Mondays  
from 4:45 p.m. to 6:20 p.m. (Moscow time)

To get the zoom-ref, or to apply for your talk on the seminar, please, write to  
the seminar secretary Alexey A. Tuzhilin [tuz@mech.math.msu.su](mailto:tuz@mech.math.msu.su)  
Announcements of previous talks can be found on the seminar website  
<http://dfgm.math.msu.su/chairsem.php>