Convex Geometry and Intersection Theory

(research seminar organized by Alexander Esterov and Valentina Kiritchenko)

This is a year-long research seminar accompanying the following four half-year topics courses:

- Toric geometry (Alexander Esterov, 1st term)
- Intersection theory (Valentina Kiritchenko, 1st term)
- Tropical geometry (Alexander Esterov, 2d term)
- Geometry of spherical varieties (Valentina Kiritchenko, 2d term)

The seminar will partially consist of problem solving sessions for these courses. There will also be a number of research talks by the organizers and invited experts.

Students may take this seminar in either of two terms under mandatory condition that they also take one of the above mentioned courses in the *same* term. For instance, one can take Intersection theory + seminar in the 1st term or Tropical geometry + seminar in the 2d term.