

# Preliminary programm

- **Monday , 21th of May**

- 8:30 – 8:50 Registration
- 8:50 – 9:00 Opening
- 9:10 – 10:00 Sergei Ivanov *Intrinsic versus extrinsic geometry of Finsler surfaces.*
- 10:00 –10:40 Coffee break
- 10:40 – 11:30 Marc Troyanov *A cardboard model for SOL geometry*
- 11:40 – 12:10 Takayoshi Ootsuka *Applications of a Finsler non-linear connection*

- 12:20 – 14:00 Lunch

- 14:10 – 15:00 Yuri Nikolayevsky *Locally conformally Berwald manifolds and compact quotients of reducible manifolds by homotheties*
- 15:00 – 15:40 Coffee break
- 15:40 – 16:30 Hans-Bert Rademacher *Bumpy metrics, closed geodesics, and minimal index growth*

- 16:40 – 18:00 **Welcome reception and poster session.**

- **Tue, 22nd of May**

- 9:10 – 10:00 Robert Bryant *Finsler metrics with constant positive flag curvature and holonomy*
- 10:00–10:40 Coffee break
- 10:40–11:30 Xiaohuan Mo *On Finsler surfaces of constant flag curvature*
- 11:40–12:10 Thomas Mettler *Weyl-Zoll structures and Finsler 2-spheres of constant positive curvature.*

- 12:20–14:00 Lunch

- 14:10–15:10 **Parallel sessions**

- 14:10-15:20 **First parallel session on Finsler Geometry and General Relativity**
  - \* 14:10 – 14:40 Ettore Minguzzi *Relativity theory and modified indicatrices*
  - \* 14:50 – 15:20 Christian Pfeifer *Finsler spacetimes*
- 14:10 – 15:20 **Parallel session on Symplectic Geometry Methods in Finsler Geometry**
  - \* 14:10 – 14:40 Marco Mazzucchelli *Minimal Boundaries in Tonelli Lagrangian Systems*
  - \* 14:50 – 15:20 Felix Schmäsckhe *Closed magnetic geodesics on orbifolds*

- 15:20 – 16:10 Coffee break

- 16:10 – 18:30 **Parallel sessions**

- 16:10 – 18:30 **Second parallel session on Finsler Geometry and General Relativity**

- \* 16:10 – 16:30 Erasmo Caponio *Finsler spacetimes and Killing vectors field*
  - \* 16:40 – 17:00 Ryoko Yahagi *Construction of supergravity from a superparticle Lagrangian*
  - \* 17:10 – 17:30 Clemens Sämann *Lorentzian length spaces and its application to Lorentz-Finsler structures*
  - \* 17:40- 18:00 Senajii Narasimha Murthy *Einstein theory of Finsler-Randers cosmological model*
  - \* 18:10 – 18:30 Omid Makhmali *Causal structures and related geometries*
  - 16:10 – 18:30 **Parallel Session on Local Finsler Geometry**
    - \* 16:10 – 16:30 Robert Wolack *Foliations on Finsler manifolds*
    - \* 16:40 – 17:00 Bahaman Rezaei *On isotropic Projective Ricci curvature of special Finsler metrics*
    - \* 17:10 – 17:30 Homare Tadano *A Cheeger-Gromov-Taylor Type Compactness Theorem for Finsler Ricci Solitons*
    - \* 17:40 – 18:00 Banktेशwar Tiwari *On spherically symmetric Finsler metrics with special curvature properties*
    - \* 18:10 – 18:30 Julius Lang *Finsler metrics with 3-dimensional projective symmetry algebra in dimension 2*
  - **We, 23rd of May**
    - 9:10 – 10:00 Florent Balacheff *Length product of homologically independent closed geodesics*
    - 10:00 – 10:40 Coffee break
    - 10:40 – 11:30 Andrea Spiro *Finsler metrics of complex domains with Monge-Ampere exhaustions*
    - 11:40 – 12:30 Gautam Bharali *A notion of visibility based on the Kobayashi distance, and applications*
  - From 12:40 Lunch and free time
  - **Thu, 24th of May**
    - 9:10 – 10:00 Michael Kapovich *Finsler geometry of Riemannian symmetric spaces*
    - 10:00 – 10:40 Coffee break
    - 10:40 – 11:30 Shiri Artstein-Avidan *On convex caustics for Minkowski billiards*
    - 11:40 – 12:10 Alexander Lytchak *Busemann convex Finsler manifolds.*
  - 12:20 – 14:00 Lunch
    - 14:10 – 15:00 Zoltan Muzsnay *On the holonomy of Finsler manifolds*
    - 15:00 – 15:40 Coffee break
    - 15:40 – 16:30 Ming Xu *Homogeneous Finsler spaces with positive flag curvature, classification and related topics*
    - 16:40 – 17:20 Taiji Marugame *Chains in CR geometry as geodesics of a Kropina metric*
    - 17:30 – 18:00 *Future of the conference*
  - 20:00 – 22:00 **Banquet.**
  - **Fr, 25th of May.**
    - 9:10 – 10:00 Pedro Salomão *Sharp systolic inequalities for spheres of revolution*
    - 10:00 - 10:40 Coffee break
    - 10:40 – 11:30 Dimitri Burago *Three mini-talks on Finsler Geometry and beyond*
    - 11:30 – 11:40 Closing
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