

**WORKSHOP ON FINSLER GEOMETRY AND ITS
APPLICATIONS. MAY 28 – JUNE 2, 2007,
BALATONFÖLDVÁR, HUNGARY**

PROGRAM

Tuesday, May 29, 2007.

- L. Tamássy: Isometries between Finsler spaces
- T. Aikou: Finsler manifolds with vanishing h -curvature (with T. Nagano)
- S. Bácsó: On the Weyl tensor depending on the position only (with Z. Szilasi)
- I. Bucataru: Canonical semispray and nonlinear connection of a second order Lagrange space (with R. Miron)
- V. M. Chernov: Generalized n -ary composition laws in the algebra $H(4)$ and associated metric forms
- G. I. Garasko: Field theory and Finsler spaces (read by S. V. Lebedev)
- C.-W. Kim: Finsler metrics with positive constant flag curvature
- L. Klimes: Hamiltonian formulation of Finsler geometry
- N. Brinzei: A special nonlinear connection in higher order geometry
- M. Roman: On nonlinear connections in the higher order Lagrange spaces

Wednesday, May 30, 2007.

- D. G. Pavlov: Polymetric geometry
- R. Miron: Lagrange-Finsler geometry and mechanics (read by M. Anastasiei)
- Z. Kovács: Geometry of two-step nilpotent groups with left invariant Finsler metrics (with A. Tóth)
- S. V. Siparov: Theory of the zero order effect to study the space-time geometrical structure
- S. V. Lebedev: The generalized Finslerian metric tensors

Thursday, May 31, 2007.

- J. Mikes: Geodesic mappings of Finsler spaces onto Riemannian spaces
T. Yajima: Nonlinear dynamical systems and KCC theory (with H. Nagahama)
B. Wu: A global rigidity theorem for weakly Landsberg manifolds
Tran Q. Binh: On invariant and anti-invariant unit vector fields
M. Girtu: A framed $f(3,1)$ -structure on tangent manifolds (with V. Girtu)
A. Razavi: Symmetric Finsler spaces
I. R. Peter: Positively curved complex Finsler manifolds (with T.Q. Binh)
M. Ciobanu: Geometric structures associated to some systems of first order partial differential equations (with V. Obădeanu)
C. Frigoiu: The dynamical systems of rheonomic Finslerian mechanical systems
S. Hedayatian: Capacity of compact sets and a class of Finsler manifolds (with B. Bidabad)
C. Hretcanu: Submanifolds in Riemannian manifolds with golden structure

Friday, June 1, 2007.

- X. Cheng: Randers metrics of scalar flag curvature (with Z. Shen)
M. Anastasiei: Some examples of Randers metrics (with M. Gheorghe)
Cs. Vincze: On Berwald and Wagner spaces
Z. Muzsnay: The Euler-Lagrange PDE and Finsler metrizability
K. Matsumoto: Doubly warped product CR-submanifolds in a locally conformal Kaehler space form
M. Jozefowicz: Finsler foliations
N. Aldea: On complex Finsler spaces with Randers metrics (with G. Munteanu)
B. Rezaei: Finsler spaces with constant Ricci scalar curvature (with N. Sadeghzadeh)
N. Sadeghzadeh: Projectively related Einstein Finsler metrics
L. Kozma: On connections of sub-Finslerian geometries