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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. Frigioiu: 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