

**Monday, 19 May 2014 –First Conference Day- Technical University of Civil Engineering Bucharest,
Faculty of Railways, Roads and Bridges, Lacul Tei Bvd. 122-124**

Registration 9:00-9:30

	Opening Ceremony		9:30-09:45
	Plenary talk: L. Verstraelen, Geometry of submanifolds Chairman: I. Mihai	Room I.1 1-st floor	09:45-10:45
	Coffee Break 10:45-11:00		
	Chairman: L. Vrancken	Room I.1 1-st floor	Chairman: A. Olteanu
			Room I. 4 1-st floor
11:00-11:30	W. Wei, Recent progress in Riemann geometry, complex geometry and topology	11:00-11:30	C. Popescu, R. Sarghiuta, D. Gaftoi, Sedimentation and morphology 3D mathematical modeling for Pitesti reservoir
11:30-12:00	R.-M. Danet, M.-V. Popescu, N. Popescu, Some equilibrium problems with convexity(-type) assumptions in the completely metrizable locally convex spaces setting vs the Riemannian manifolds setting	11:30-12:00	R. Sarghiuta, C. Popescu, Numerical analysis of the seepage phenomena at Gura Apelor Dam using a 3 D finite element model
12:00-12:30	K. Matsumoto, Submanifolds with the parallel T, Ω , B and C in a locally decomposable Riemannian manifold	12:00-12:30	A. Pasarescu, O. Pasarescu, Applications of Nonstandard Analysis in Mathematical Economics
12:30-13:00	W. Goemans, On twisted surfaces	12:30-13:00	M.E. Aydin, M. Ergut, Geometric applications of homothetic production functions
	Lunch Break 13:00-15:00		
	Chairman: V. Balan	Room I.1 1-st floor	Chairman: M. Stoian
			Room I. 4 1-st floor
15:00-15:30	O. Garay, Equivariant Chen-Willmore surfaces in conformal homogeneous 3-spaces	15:00-15:30	M.E. Aydin, A. Mihai, On quasi-sum production functions
15:30-16:00	H. Yildirim, B.-Y. Chen, On ideal submanifolds of real space forms with type number ≤ 2	15:30-16:00	C.V. Rosu, A.L. Bugea, D. Manoli, A. Andronic, M.-S. Serbulea, Parametric analysis using stochastic approaches in Abaqus
16:00-16:30	N. Anghel, Curvature bundle morphisms for hypersurface generalized Dirac operators	16:00-16:30	M.S. Serbulea, A. Niculescu, D. Manoli, A. Priceputu, A. Andronic, C.V. Rosu, Sand liquefaction potential assessment by normalized skew surface state boundary
16:30-17:00	A. Constantinescu, Gelfand topologies on maximal spectra of complex subalgebras and some applications in 14-th Hilbert Problem area	16:30-17:00	P. Stavre, On the generalization of the skew-symmetric Einstein model by using conjugate connections. Associated invariants
	Welcome Reception 19:30- Euro Hotels Arcul de Triumf		

**Tuesday, 20 May 2014 –Second Conference Day- University of Bucharest,
Faculty of Mathematics and Computer Science, Academiei Str. 14**

	Plenary talk: A. Carriazo, On slant submanifolds of semi-Riemannian manifolds	S. Stoilow Hall, 1-st floor	9:00-10:00
	Chairman: A. Mihai		

Coffee Break 10:00-10:30

	Chairman: K. Matsumoto	S. Stoilow Hall 1-st floor			Chairman: A. Constantinescu	Room 220 2-nd floor
10:30-11:00	S. Eken, M. Gulbahar, E. Kilic, Some inequalities for Riemannian submersions		10:30-11:00	G. Popescu, Non-commutative inequalities in operator algebra		
11:00-11:30	M. Munteanu, Riemannian submersions induced by affine actions on Lie groups		11:00-11:30	E. Kilic, M. Gulbahar, S. Keles, Some characterizations on screen locally conformal coisotropic light like submanifolds of a semi-Riemannian manifold of index 2		
11:30-12:00	C. Ozgur, On some classes of slant curves in trans-Sasakian manifolds		11:30-12:00	S. Ewert-Krzemieniewski, On submanifolds in tangent bundle with g-natural metric		
12:00-12:30	R. Nakad, Spin ^c structures and isometric immersions of Riemannian manifolds		12:00-12:30	D.G. Prakasha, On 3-dimensional contact metric generalized (κ, μ) -space-forms		

Lunch Break: 12:30-15:00

	Chairman: A. Carriazo	S. Stoilow Hall 1-st floor			Chairman: N. Anghel	Room 220 2-nd floor
15:00-15:30	L. Vrancken, B. Dioos, H. Li, H. Ma, Flat almost complex surfaces in the nearly Kahler $S^3 \times S^3$		15:00-15:30	M.S. Stupariu, I. Patru-Stupariu, Discrete curvatures of triangular meshes that approximate smooth surfaces: the case of terrain data		
15:30-16:00	C. Ida, M. Crasmareanu, An 1-differentiable cohomology associated to a vector field		15:30-16:00	G. Groza, M. Jianu, Polynomial approximation of the solution of boundary value problems for ODEs which arise from engineering		

Coffee Break 16:00-16:30

16:30-17:00	Y.S. Balkan, On a new type of almost contact metric manifolds		16:30-17:00	V. Petrehus, The Poincare-Cartan form and conservative numerical methods for PDE		
17:00-17:30	S. Decu, Optimal inequalities involving Casorati curvature of submanifolds in quaternionic space forms		17:00-17:30	C.L. Bejan, Kaluza-Klein spaces with almost para contact structures		
17:30-18:00	V. Ghisoiu, New results for submanifolds of generalized complex space forms with a semi-symmetric metric connection		17:30-18:00	S. Druta-Romaniuc, Harmonicity on Walker manifolds		
18:00-18:30	L.H. Odom, M.A. Riddle, B.D. Suceava, On absolutely umbilical hypersurfaces in the Euclidean ambient space					

Wednesday, 21 May 2014 –Third Conference Day- Technical University of Civil Engineering Bucharest, Faculty of Railways, Roads and Bridges, Lacul Tei Bvd. 122-124			
	Chairman: B. Suceava	Room I. 1 1-st floor	
9:00-9:30	D. Carfi, M. Calapso, TBA		
9:30-10:00	V. Balan, J. Stojanov, Statistical Finsler-Randers structures for the Garner cancer cell model		
10:00-10:30	G. Munteanu, N. Aldea, On product complex Cartan spaces		
Visit to the Geotechnical Laboratory of the Technical University of Civil Engineering Bucharest and Geotechnical Engineering Exhibition - 10:30-11:00			
Coffee Break 11:00-11:30			
11:30-12:00	I. Mihai, On the normal scalar curvature conjecture		
	Plenary talk: B.-Y. Chen, TBA Chairman: W. Wei	Room I.1 1-st floor	12:00-13:00
Closing Ceremony 13:15 and Farwell Lunch: 13:30			
Visit to the Sport Museum: 16:00			

LIST OF POSTERS

1. **S. Costache**, *Isometric immersions of S -manifolds in real space forms*
2. **B. Heroiu** (joint with **A. Mihai**), *Flat tensor product surfaces of pseudo-Euclidean curves*
3. **S. Kiziltug**, *Curves of $AW(k)$ -type in the equiform geometry of the pseudo-Galilean space*
4. **V.I.R. Niculescu** (joint with **S. Miclos**, **D. Popescu**, **L. Sandru**, **S. Donciu**), *The piecewise hopf link undulator model*
5. **A. Olteanu**, *Doubly warped product submanifolds in generalized complex space forms*
6. **O. Postavaru**, *String-like photon-electron interaction*
7. **I. Presura**, *On Chen first inequality for Legendrian submanifolds*
8. **M. Sandu**, *The role of reputation in the struggle between online versus offline commerce*
9. **I.N. Radulescu** (joint with **A. Mihai**), *On curvatures of special contact slant submanifolds in Sasakian space forms*
10. **V. Zalutchi**, *The geodesics and harmonic maps between two second order holomorphic jets bundle*