

DGDS-2020 * 27-29 August 2020 * Online Conference

[vn. 59.0]/29.08.2020]

Morning sessions

	9:00-9:20	9:20-9:40	9:40-10:00	10:00-10:20	10:20-10:40	10:40-11:00	11:00-11:20	11:20-11:40	11:40-12:00	12:00-12:30	
Thursday (27.08.2020)	DGDS-2020 Opening (T)	Udriste-TDP (T)	Udriste-TM (T)	Shanker-YK (Z)	Patrangenaru (Z)	Rovenski (Z)	Fedorchuk (Z)	Malkowski (Z)	Velickovic (Z)	Voicu (Z)	
Friday (28.08.2020)	Kumar-P (T)	Hirica (T)	Tavkova (T)	Shanker-KY (T)	Mormul (T)	Tasci (T)					
Saturday (29.08.2020)		Pripoae (T)	Bakshi (G)	Aslam (G)	Aquib (G)	Siddiqi-S (G)	Toader (T)	Mayah (T)			

Afternoon sessions

	13:20-13:40	13:40-14:00	14:00-14:20	14:20-14:40	14:40-15:00	15:00-15:20	15:20-15:40	15:40-16:00	16:00-16:20	16:20-16:40	16:40-17:00
Thursday (27.08.2020)		Ghiu (T)	Malakhaltsev (T)	Peyghan (T)	Razpopov (T)	Araujo (T)	Ghanam (T)	Koralkov (T)	Ovsiyuk (T*)	Ivashkevich (T*)	Klepp (T*)
Friday (28.08.2020)	Matsuyama (G)	Baishya (G)	Eyasmin (G)	Shaikh (G)	Hui (G)	Mihaila (T)	Kumar-PKK (T)	Mishra (T)	Shaikh-MA (T)	Shaikh-G (T)	Shaikh-D (T)
Saturday (29.08.2020)	Shanker-J (T)	Neagu (T)	Barbu (T)	Rani (T)	Siddiqi-C (T)	DGDS-2020 Closing (T)					

Details: (Z)=Zoom, (G)= Google Meet, (T)=Microsoft Teams. (T*)= Zoom->MS_Teams->presentation file

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List of communications // 1.09.2020

#ord	Schedule	Full names of authors	First author (family name)	Platform	Title
1.	27,0900	[Opening of the DGDS-2020 Conference]	***	T	The 80-th anniversary of Professor emeritus dr. Constantin Udriște
2.	27,0920	Constantin Udriște, Ionel Țevy, Simona Dinu and Lavinia Laura Petrescu	Udriște-TDP	T	Geometric Dynamics and Wind Theory
3.	27,0940	Constantin Udriște, Ionel Țevy, Florin Munteanu	Udriște-TM	T	Nonholonomic antennas
4.	27,1000	Gauree Shanker, Ankit Yadav, Ramandeep Kaur	Shanker-YK	Z	Geometry of totally contact umbilical lightlike submanifolds, of indefinite Sasakian manifolds
5.	27,1020	Victor Pătrăngenaru, Chen Shen, Adam Dixon	Patrangenaru	Z	An introduction to topological object data analysis
6.	27,1040	Vladimir Rovenski, Paul Popescu	Rovenski	Z	On the curvature of singular distributions
7.	27,1100	Vasyl Fedorchuk, Volodymyr Fedorchuk	Fedorchuk	Z	On symmetry reduction and some classes of invariant solutions of the (1+3)-dimensional Monge-Ampère equation
8.	27,1120	Eberhard Malkowsky	Malkowsky	Z	Regularity versus Compactness
9.	27,1140	Vesna Velickovic	Velickovic	Z	Line graphics vs. polygon mesh vs. ray tracing
10.	27,1200	Nicoleta Voicu, Christian Pfeifer, Manuel Hohmann	Voicu	Z	Mathematical foundations for a Finsler extension of Einstein gravity theory
11.	27,1340	Cristian Ghiu, Raluca Tuligă, Constantin Udriște	Ghiu	T	Linear discrete multitime multiple recurrence
12.	27,1400	Mikhail Malakhaltsev, Fabian Antonio Arias Amaya	Malakhaltsev	T	Topological and differential invariants of G-structures with singularities
13.	27,1420	Esmail Peyghan	Peyghan	T	On the geometric structures of Hom-Lie groups and Hom-Lie algebras
14.	27,1450	Dimitar Razpopov, Georgi Dzhelpev	Razpopov	T	The work done by an isotropic vector force field along an isotropic curve
15.	27,1520	Kelicio Araujo, Armando Corro, Romildo Pina, Marcelo Souza	Araujo	T	Complete surfaces with zero curvatures in conformally, flat spaces
16.	27,1600	Ryad Ghanam, Gerard Thompson	Ghanam	T	Lie symmetries of the canonical connection: codimension one Abelian nilradical case
17.	27,1620	Artem Koralkov, Yanina Voynova, Nina Krylova, Elena Ovsyuk, Vladimir Balan	Koralkov	T	Vector particle with electric quadrupole moment in external Coulomb field
18.	***	Elena Ovsyuk, Aleksandr Chichurin, Viktor Red'kov	Ovsyuk	T*	Dirac particle in the Coulomb field on the background of hyperbolic Lobachevsky model
19.	***	Alina Ivashkevich, Elena Ovsyuk, Vasily Kisel, Viktor Red'kov	Ivashkevich	T*	Spinor Maxwell equations in Riemannian space-time, and the geometrical modeling of constitutive relations in electrodynamics
20.	***	Franz-Karl Klepp	Klepp	T*	The history of remarkable geometric structures on vector bundles
21.	28,0900	Sangeet Kumar, Megha Pruthi	Kumar-P	T	Non-existence of non-trivial warped product lightlike submanifolds of semi-Riemannian product manifolds
22.	28,0920	Iulia Elena Hiriță, Constantin Udriște, Gabriel Teodor Pripoae, Ionel Țevy	Hiriță	T	Best approximation of flatness on Riemannian manifolds
23.	28,0940	Veselina Tavkova, Mancho Manev	Tavkova	T	Matrix Lie groups as 3-dimensional almost paracontact almost paracomplex Riemannian manifolds
24.	28,1000	Gauree Shanker, Ramandeep Kaur, Ankit Yadav	Shanker-KY	T	Semi-invariant lightlike submanifolds of metallic semi-Riemannian manifold
25.	28,1040	Piotr Mormul	Mormul	T	Special multi-flags at the crossroads of, algebraic geometry and differential geometry
26.	28,1140	Ayşe Yavuz Tasci, Fusun Özen Zengin	Tasci	T	Z-symmetric manifold with conharmonic curvature tensor
27.	28,1320	Yoshio Matsuyama	Matsuyama	G	On hypersurfaces in a hyperbolic space
28.	28,1340	Kanak Kanti Baishya, Manoj Ray Bakshi	Baishya	G	$(LCS)_n$ -manifold and the pseudosymmetric structures
29.	28,1400	Sabina Eyasmin	Eyasmin	G	Invariant submanifolds of $(LCS)_n$ -manifolds admitting certain conditions

30.	28,1420	Absos Ali Shaikh	Shaikh	G	Curvature properties of some spacetimes
31.	28,1440	Shyamal Kumar Hui	Hui	G	Yamabe solitons on Riemannian manifolds
32.	28,1500	Janina Mihaela Mihăilă, Octav Olteanu	Mihăilă	T	From the Hahn-Banach theorem to the Markov moment problem, and isotonicity of convex operators over a convex cone
33.	28,1520	Tejinder Kumar, Megha Pruthi, Sangeet Kumar, Pankaj Kumar	Kumar-PKK	T	Geometric characteristics of screen slant lightlike submanifolds
34.	28,1540	Chayan Kumar Mishra	Mishra	T	Curvature inheritance and torse-forming curvature inheritance symmetry in Finsler spaces
35.	28,1600	Absos Ali Shaikh, Chandan Kumar Mondal, Izhar Ahmad	Shaikh-MA	T	Non-existence of certain type of convex functions on a Riemannian manifold with a pole
36.	28,1620	Absos Ali Shaikh, Pinaki Ranjan Ghosh	Shaikh-G	T	Rectifying and osculating curves on a smooth surface
37.	28,1640	Absos Ali Shaikh, Biswa Ranjan Datta	Shaikh-D	T	On generalized almost statistical convergence in Banach spaces
38.	29,0920	Gabriel-Teodor Pripoae, Cristina-Liliana Pripoae	Pripoae	T	On the geometrization of vector fields
39.	29,0940	Manoj Ray Bakshi, Ashoke Das and Kanak Kanti Baishya	Bakshi	G	Hyper-generalized weakly symmetric GRW-spacetimes
40.	29,1000	Mohd. Aslam, Mustafa Kazaz, Mohd. Aquib	Aslam	G	Inequalities for statistical submanifolds in cosymplectic statistical manifolds
41.	29,1020	Mohd. Aquib	Aquib	G	A characterization for totally real submanifolds in Kaehler product manifolds
42.	29,1040	Mohammad Danish Siddiqi, Sudhkar Kumar Chaubey	Siddiqi-C	G	r-almost Newton-Yamabe solitons on Legendrian, submanifolds of Sasakian space forms
43.	29,1100	Beatrice-Elena Toader	Toader	T	Geometry of the gamma manifold
44.	29,1120	Faik Mayah, Ali Sapeeh Rasheed and Nisreen Alokbi	Mayah	T	Complexity of the magnetic braids can be measured by their orthogonal parquets
45.	29,1320	Gauree Shanker, Seema Jangir,	Shanker-J	T	Geometry on the surface of revolution with first approximate slope metric
46.	29,1340	Mircea Neagu	Neagu	T	A distinguished geometry perspective on multi-time affine quadratic Lagrangians
47.	29,1400	Tudor Barbu	Barbu	T	Mathematical models for photon-limited image restoration
48.	29,1420	Sarita Rani, Gauree Shanker	Rani	T	On CW-translations of a homogeneous Finsler space with (α, β) -metrics
49.	29,1440	Mohammad Danish Siddiqi, Aliya Naaz Siddiqi	Siddiqi-S	G	Almost Ricci-Bourguignon solitons and geometrical structure in a relativistic perfect fluid spacetime
50.	29,1500	[Closing of the DGDS-2020 Conference]	***	T	*** **

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