

Preliminary list of DGA2016 participants (as of June 18, 2016)

	Name	Section	Contribution (talk or poster)
1	Nurlan Abiev	A	On Ricci flow and positively curved invariant Riemannian metrics on the Wallach spaces
2	Luca Accornero		
3	Ozgur Acik	C	Extremal motions of p-branes induced by Killing spinors
4	Ilka Agricola	A	Spinorial description of SU(3)- and G₂-manifolds
5	Salah Gomaa Ahmed Ali Elgendi	D	A note on lqlq Sur le noyau de l'opérateur de courbure dune variété finslérienne
6	Inas Amacha	A	Problem of prescribed scalar curvature
7	Bernadett Aradi	D	Strong compatibility of Finsler functions and absolute parallelisms
8	Andreas Arvanitoyeorgos	A	Homogeneous geodesics in a class of homogeneous spaces
9	Esmaeel Asadi	E	Non-local nonlinear Schrödinger equation from geometric curve flows in Hermitian symmetric spaces of rank 2
10	Dennis Barrett	C	Invariant Nonholonomic Riemannian Structures on Three-Dimensional Lie Groups
11	Rob Baston		
12	Ergin Bayram	G	Surface family with a common involute asymptotic curve
13	Yaroslav Bazaikin	C	Geometry and Sintering
14	Cornelia-Livia Bejan	A	Geometric structures which are harmonic with respect to natural Riemann extension
15	Lakehal Belarbi	G	On Translation Surfaces With Zero Gaussian Curvature In Sol₃
16	Mohamed Belkhef	A	Symmetry properties of complex contact space form
17	Jürgen Berndt	A	TBA
18	Behroz Bidabad	D	Evolution of Ricci scalar under Finsler Ricci flow
19	Rory Biggs	C	Isometries of Riemannian and sub-Riemannian structures on 3D Lie groups
20	Adara-Monica Blaga	C	On Ricci solitons in different geometries
21	Markus Bläser	F	On the rank of iterated matrix multiplication
22	Gil Bor	A	Bicycle mathematics in 3D and the filament equations.
23	Aleksandra Borówka	B	A Swann bundle approach to a generalized Feix--Kaledin construction
24	Lynn Brandon		
25	Jaroslav Buczynski	F	On the Strassen additivity conjecture for three way tensors
26	María A. Cañadas-Pinedo	A	Geometric properties of Cahen-Wallach manifolds

27	Alfonso	Carriazo	A	Semi-Riemannian generalized Sasakian-space-forms
28	Bin	Chen	D	Modified Scalar curvature in Finsler geometry
29	Xinyue	Cheng	D	Einstein Finsler Metrics and Killing Vector Fields on Riemannian Manifolds
30	Luca	Chiantini	F	The geometry of the decomposition of special tensors
31	Jong Taek	Cho	A	Gap theorem of 4-dimensional compact Ricci solitons
32	Ioannis	Chryssikos		
33	Adam	Chudecki	C	Congruences of null strings in pseudo-Riemannian geometries
34	Balázs	Csikós	A	Harmonic Manifolds and the Volume of Tubes about Curves
35	Andreas	Čap	B	C-projective compactness
36	Thi Kim Thuan	Do	C	New Solutions of the Inverse Problem of the Calculus of Variations
37	Boris	Doubrov	P	Complexification of integrable CR geometries
38	Miroslav	Doupovec	B	Vertical functors on all fibered manifolds
39	Maciej	Dunajski	P	TBA
40	Michael	Eastwood	B	
41	Igor	Ernst	A	Ricci solitons on some low-dimensional (pseudo)Riemannian manifolds
42	Ümit	Ertem	C	Extended superalgebras from twistor and Killing spinors
43	Giovanni	Falcone	C	TBA
44	Eugene V.	Ferapontov	P	On the integrability in Grassmann geometries: integrable systems associated with fourfolds in $Gr(3, 5)$
45	Dorel	Fetcu	G	On biconservative surfaces
46	Mathias	Fischer	A	Symplectic Lie groups with biinvariant metric
47	Matthias	Fischmann	B	TBA
48	Thomas	Friedrich		
49	Anton	Galaev	A	Higher order Lorentzian symmetric spaces
50	Eduardo	Garcia Rio	A	
51	Jordi	Gaset	C	A Multisymplectic formalism for the Einsteins equations of gravity
52	Fulvio	Gesmundo	F	The Geometry of Iterated Matrix Multiplication
53	elsa	Ghandour		
54	Peter	Gilkey	A	Homogeneous affine surfaces - affine Killing vector fields, Gradient Ricci solitons, and moduli spaces
55	Simon G.	Gindikin	B	TBA
56	Wolfgang	Globke	B	Compact pseudo-Riemannian solvmanifolds
57	Rod	Gover	B	Higher dimensional analogues of the Willmore energy and invariant

58	Xavier	Gràcia	C	Some structural aspects of Hamilton-Jacobi theory
59	Jan	Gregorovič	B	Generalizations of symmetric space in theory of parabolic geometries
60	James	Gundry		
61	Seckin	Gunsen		
62	Ali	Haji-Badali	A	On the certain homogeneous paracontact 3-manifolds
63	Matthias	Hammerl	B	Holography of BGG-Solutions
64	Lynn	Heller	G	Constrained Willmore Minimizers
65	Márton	Horváth		
66	Jaroslav	Hrdina	B	Extremals of sub Riemannian geometry based on trident snake like mechanisms.
67	Cristina	Hretcanu	A	On the geometry of warped product submanifolds in a metallic Riemannian product manifold
68	Cristian	Ida	C	Holomorphic last multipliers on complex manifolds
69	Christian	Ikenmeyer	F	Matrix Multiplication Algorithms with symmetry
70	Howard	Jacobowitz		
71	Josef	Janyška	C	Covariant quantum dynamics
72	Hassan	Jolany	A	Fiberwise singular Kahler Einstein metric is semi-positive
73	Maria	Karmanova	B	Maximal Surfaces on sub-Lorentzian Structures
74	Kotaro	Kawai	B	Frölicher-Nijenhuis bracket and geometry of G_2 - and $\mathrm{Spin}(7)$ -manifolds
75	David Csaba	Kertesz	D	Affine and Killing vector fields of Berwald manifolds
76	Giorgi	Khimshiashvili	C	Geometry of equilibrium configurations of point charges on planar curves
77	Nina	Khorkova	E	On some constructions in the nonlocal theory of partial differential equations
78	Gyu Jong	Kim	A	Real hypersurfaces in complex hyperbolic two-plane Grassmannians with GTW Reeb Lie derivative structure Jacobi operator
79	Shin Young	Kim	B	Geometric structures modelled after smooth projective horospherical varieties of Picard number one
80	Chang-Wan	Kim	D	Entropy of nonpositively curved Finsler manifolds
81	Hwajeong	Kim		
82	Makoto	Kimura	A	Twistor space of complex 2-plane Grassmannian and submanifolds in complex projective space
83	Sebastian	Klein	G	A spectral theory for certain constant mean curvature surfaces in the 3-dimensional space forms
84	Pavel	Klepikov	A	Left-invariant pseudo Riemannian metrics on four-dimensional Lie groups with zero divergence Weyl tensor

85	Ivan	Kolář	B	Covariant Approach to Weil Bundles
86	Andreas	Kollross		
87	Piotr	Kopacz	D	Application of Finslerian solutions to generalized Zermelo navigation problem to refine search models in the presence of perturbation
88	Oldřich	Kowalski	A	
89	Iosif	Krasilshchik	P	Nonlocal geometry of PDEs and integrability
90	Boris	Kruglikov	B	Jet-determination of symmetries in parabolic geometry (joint work with Dennis The).
91	Svatopluk	Krýsl	B	TBA
92	Rakesh	Kumar	A	Semi-Invariant Lightlike Submanifolds of Indefinite Kaehler Manifolds with Quarter Symmetric Non-Metric Connection
93	Deepika	Kumari	A	On Biconservative Lorentz Hypersurfaces with non diagonal shape operator
94	Jan	Kurek	B	THE MODIFIED VERTICAL WEIL FUNCTORS ON \mathbb{S}^2 -FIBRED MANIFOLDS
95	Miroslav	Kureš	B	On the orientability of Weil contact elements and bundles
96	Joseph M.	Landsberg	F	
97	Hong Van	Le	C	Floer-Novikov homology and symplectic fixed points
98	Benling	Li	D	Finsler metrics with special flag curvature
99	Verónica	López	A	Marginally trapped submanifolds in generalized Robertson-Walker spacetimes
100	Jørgen	Lye		
101	Sadahiro	Maeda	A	A characterization of homogeneous real hypersurfaces of types (C), (D) and (E) in a complex projective space
102	Laurent	Manivel	0	Hyperkähler varieties as parameter spaces
103	Antonio	Martinez	A	A Geometric bridge between \mathbb{H}^3 and \mathbb{R}^3
104	Veronica	Martin-Molina	A	Some remarkable paracontact metric manifolds
105	Michal	Marvan	E	A summary of results on the constant astigmatism equation
106	Tom	Mestdag	C	Reduction and un-reduction of second-order ordinary differential equations
107	Mateusz	Michalek	F	Local algebraic geometry and computational complexity
108	Josef	Mikeš	A	On the global geometry of projective submersions (with S.E. Stepanov)
109	Francisco	Milan	A	Improper affine spheres and the Hessian one equation.
110	Ivan	Minchev	A	The qc Yamabe equation on a 3-Sasakian manifold
111	Morteza	Mirmohamad Rezae	D	Harmonic vector fields and harmonic \mathbb{S}^1 -forms in Finsler geometry

112	Reza	Mirzaei	A	On Riemannian \mathbb{S}^2 -manifolds of nonpositive curvature
113	Chayan Kumar	Mishra	D	Curvature Inheritance Symmetry
114	Marco	Modugno	C	On the quantum potential in Covariant Quantum Mechanics
115	Rafael	Mrdjen	B	Singular BGG resolutions over symplectic Grassmannian
116	Zoltan	Muzsnay	C	Euler-Lagrange functions and metrizability freedom of SODEs
117	Rakesh Kumar	Nagaich	A	On Holomorphic Sectional Curvature of \mathbb{S}^2 -Lightlike Submanifolds of Indefinite Sasakian Manifolds
118	Ales	Návrát	B	An Analogue of Paneitz operator for Almost Grassmannian Geometries with a Torsion
119	Katharina	Neusser	B	C-projective structures of degree of mobility at least 2
120	Simona	Nistor	G	Global Properties of Biconservative Surfaces
121	Carlos Enrique	Olmos	O	Submanifolds and Holonomy
122	Cezar	Oniciuc		
123	Irene	Ortiz Sánchez	A	Eigenvalue estimates for the Jacobi operator of compact CMC surfaces in Warped Products
124	Dmitry	Oskorbin	A	Ricci solitons on some low-dimensional (pseudo)Riemannian manifolds
125	Seddik	Ouakkas	A	Some results for biharmonic maps on the warped product.
126	Enrico	Pagani	C	Differential geometric aspects of constrained calculus of variations: first and second variation.
127	Marcella	Palese	C	Classical Higgs fields on gauge gluon bundles
128	Franz	Pedit	G	
129	Alexander	Petkov		
130	truong xuan	Pham		
131	Ulrich	Pinkall	O	Schrödinger Smoke
132	Liviu	Popescu	C	Symmetries of second order differential equations on Lie algebroids
133	Geoff	Prince	C	A new, exterior and intrinsic form of the structure equations and Bianchi Identities
134	Matthew	Randall		
135	Rachna	Rani	A	Characterizations of holomorphic sectional curvature of \mathbb{S}^2 -lightlike submanifolds of indefinite nearly Kaehler manifolds
136	Claudiu	Remsing	C	A few remarks on control systems on the Engel group
137	Richar	Riaño		

138	Xavier	Rivas	C	A constraint algorithm for k -precosymplectic field theories and some applications
139	Eugene	Rodionov	A	Ricci solitons on some low-dimensional (pseudo)Riemannian manifolds
140	Eugene	Rodionov	A	Left-invariant pseudo Riemannian metrics on four-dimensional Lie groups with zero divergence Weyl tensor
141	Olga	Rossi	C	
142	nasrin	Sadegh Zadeh Nokhod Beriz	D	Some properties of Spherically Symmetric Finsler metrics
143	Katja	Sagerschnig		
144	Bayram	Sahin	A	Hemi-slant Riemannian maps
145	Tomas	Salač	B	Construction of an elliptic complex on the Grassmannian of 2-planes in \mathbb{R}^{2n+2}
146	lara	Saliba	A	Liouville type theorems for extrinsic biharmonic maps
147	Evangelia	Samiou	A	The X-ray transform on manifolds with many totally geodesic subspaces
148	Alexey	Samokhin	E	Periodic boundary conditions for KdV-Burgers equation on a finite interval
149	Víctor	Sanmartín López	A	Anti-De Sitter space and complex hyperbolic space: their isoparametric hypersurfaces.
150	Willy	Sarlet	C	On embedding the intersections of two families of surfaces in \mathbb{R}^3 into the set of integral curves of a Lagrangian system
151	hiroyasu	Satoh	A	Information geometry of divergences and means on the space of all probability measures having positive density function
152	David	Saunders	C	Vertical symmetries of Cartan geometries
153	Asaf	Shachar	C	On strain measures and the geodesic distance to SO_n in the general linear group
154	Aleksandr	Shelekhov	B	The Geometry of some special Bol three-webs
155	Ekaterina	Shemyakova	E	Darboux transformations of differential operators on the superline
156	Zhongmin	Shen	D	
157	Eivind	Schneider	C	Differential invariants of self-dual conformal structures.
158	Jan	Slovák	B	
159	Konrad	Schöbel	B	An algebraic geometric classification of superintegrable systems in the Euclidean plane
160	Dana	Smetanová	C	TBA
161	Petr	Somberg		
162	Vladimir	Souček	B	The BGG complexes for Grassmannians in singular infinitesimal character.
163	Nikolaos Panagiotis	Souris	A	Geodesic orbit and two-step geodesic orbit homogeneous spaces

164	Yasemin	Soylu	A	A Myers type compactness theorem by the use of Bakry-Emery Ricci tensor
165	Marcin	Sroka		
166	Marina	Statha	A	Non-naturally reductive Einstein metrics on compact simple Lie groups
167	Sergey	Stepanov	A	New applications of the global divergence theorems
168	Reinier	Storm	B	A new construction of naturally reductive spaces
169	Young Jin	Suh	A	Recent progress on real hypersurfaces in the complex quadric
170	Volodymyr	Sushch	C	On geometric discretization of the Dirac-Kähler equation
171	Josef	Šilhan	B	A projective-to-conformal Fefferman-type construction
172	Zoran	Škoda	C	Correcting coexponential map for Lie algebroids
173	Homare	Tadano	A	Some Myers type theorems and Hitchin-Thorpe inequalities for shrinking Ricci solitons
174	Arman	Taghavi-Chabert	B	Conformal Patterson-Walker lifts of projective structures
175	Kamel	Tahri	E	Fourth order elliptic equation with singularity
176	JOSÉ L.	Teruel	G	An extension of Efimov's theorem
177	Dennis	The	B	Exceptionally simple PDE
178	Jiří	Tomáš	B	On Weil co-velocities
179	Gamaliel	Torres	C	Dynamics of a particle constrained on a surface with auxiliary variables
180	Alfonso Giuseppe	Tortorella	E	Rigidity of integral coisotropic submanifolds of contact manifolds
181	Włodzimierz Marek	Tulczyjew	C	Equilibrium configurations and higher order differential geometry.
182	İnan	Ünal		
183	Abhithosh	Upadhyay	A	Complete Classification of biconservative hypersurfaces with diagonalizable shape operators in pseudo-Euclidean spaces
184	Stefan	Vailev	B	Metric connections with totally skew-symmetric torsion acting on differential forms.
185	Petr	Vašík	B	On local control of snake-like mechanisms
186	Raquel	Villacampa	C	Balanced Hermitian geometry on compact quotients of Lie groups
187	Alexandre M.	Vinogradov	E	Observability, Hamiltonian formalism and energy
188	Luca	Vitagliano		
189	Andreas	Vollmer	C	Higher-rank Killing tensors in Weyl space-times and similar geometries
190	Theodore	Voronov	0	Classical and quantum microformal geometry, and homotopy algebras

191	Yu	Wang	A	Homogeneous geodesics in a class of homogeneous spaces (joint with A. Arvanitoyergos)
192	Katrin	Wendland	O	Can singularities govern conformal field theory?
193	Ekkehart	Winterroth	E	Obstructions to global critical sections (with an application to Chern-Simons theories)
194	Henrik	Winther	B	Submaximally Symmetric Quaternionic Structures
195	Changhwa	Woo	A	Real hypersurfaces in complex two-plane Grassmannians with Lie derivative Ricci tensors
196	Bingye	Wu	D	Finsler Submanifolds: From Viewpoint of Chern Connection
197	Masashi	Yasumoto	G	Construction of discrete constant mean curvature surfaces in Riemannian spaceforms and its applications
198	Amirhesam	Zaeim	A	On symmetries of homogeneous three-dimensional Walker manifolds
199	Lenka	Zalabova	B	Symmetric and locally symmetric parabolic geometries
200	Simeon	Zamkovoy		
201	Igor	Zelenko	B	Tanaka prolongation of structures of nonconstant type with application to sub-Riemannian geometry
202	Lili	Zhao	D	Constructions of Einstein Finsler Metrics
203	Petr	Zima	B	Killing spinor-valued forms