

Conference LOOPS'23: Będlewo, Poland, 29 June - 1 July 2023

THURSDAY, June 29, 2023

8.30 - 9.30	Breakfast
	Chair: Ian Wanless
9.25	OPENING
9.30 - 10.30	Jamie Vicary Talk title: <i>Quantum Latin squares and interacting quantum systems</i>
10.30 - 11.00	Coffee break
	Chair: Liudmila Sabinina
11.00 - 11.30	Ian Wanless Talk title: <i>Relations on nets and MOLS</i>
11.30 - 12.00	John Carr Talk title: <i>Algebraically Describing Color Trades on Complete Bipartite Graphs</i>
12.00 - 12.30	Raul Falcon Talk title: <i>The Hadamard quasigroup product of orthogonal Latin squares</i>
12.30 - 13.00	Rafal Lutowski Talk title: <i>Minimal non-solvable Bieberbach groups. Math databases matter</i>
13.00	Lunch
	Chair: Ales Drápal
14.00 - 15.00	Michael Kinyon Talk title: <i>The Weak AIM Conjecture.</i>
15.00 - 15.30	Filippo Spaggiari Talk title: <i>On Conjugation Quandle Coloring of Torus Knots - A characterization of $GL(2,q)$ colorability</i>
15.30 - 16.00	Coffee break
	Chair: Alex Nowak
16.00 - 16.30	Dylene Agda Souza de Barros Talk title: <i>Half-automorphism group of a class of Bol loops</i>
16.30 - 17.00	Mark Greer Talk title: <i>Moufang loops and non-commuting graphs</i>
17.00 - 17.30	Ales Drapal Talk title: <i>Relative multiplication groups and Moufang p-loops</i>
17.30 - 18.00	Liudmila Sabinina Talk title: <i>BL-algebras with the identities and diassociative loops</i>
18.00 - 1.00	Conference Bonfire

Conference LOOPS'23: Będlewo, Poland, 29 June - 1 July 2023

FRIDAY, June 30, 2023

8.30 - 9.30	Breakfast
	Chair: Petr Vojtěchovský
9.30 - 10.30	Paola Stefanelli Talk title: <i>Quasi non-degenerate and quasi bijective set-theoretical solutions of the Yang-Baxter equation</i>
10.30 - 11.00	Coffee break
	Chair: Raul Falcon
11.00 - 11.30	Carsten Dietzel Talk title: <i>Beams and scaffolds – the art of building modular Garside groups</i>
11.30 - 12.00	Alex Nowak Talk title: <i>Dihedral solutions of the set-theoretic Yang-Baxter equation</i>
12.00 - 12.30	Marzia Mazzotta Talk title: <i>Deformed solutions of the Yang-Baxter equation coming from skew braces</i>
12.30 - 13.00	Silvia Properzi Talk title: <i>A common divisor graph for skew braces</i>
13.00	Lunch
	Chair: Bachuki Mesabishvili
14.00 - 14.30	Jonathan Smith Talk title: <i>Superquasigroups and their multiplication groups</i>
14.30 - 15.00	Anna Romanowska Talk title: <i>Barycentric algebras and barycentric coordinates</i>
15.00 - 15.30	Tengizi Bokelavadze Talk title: <i>Fundamental theorem of projective geometry for W-power groups</i>
15.30 - 16.00	Coffee break
	Chair: Jonathan Smith
16.00 - 16.30	Bachuki Mesabishvili Talk title: <i>Quasi-projections and factorizations of monoids</i>
16.30 - 17.00	Iryna Fryz Talk title: <i>On orthogonality of parastrophes of ternary quasigroups</i>
17.00 - 17.30	Mitchell Ashburn Talk title: <i>Isomorphisms of vector-matrix algebras</i>
18.00 - 19.00	Dinner

Conference LOOPS'23: Będlewo, Poland, 29 June - 1 July 2023

SATURDAY, July 1, 2023

8.30 - 9.30	Breakfast
	Chair: Gabor Nagy
9.30 - 10.30	Dimitri Kanevsky Talk title: <i>Non-Associative Moufang Loops of Point Classes on Cubic Surfaces</i>
10.30 - 11.00	Coffee break
	Chair: J.D. Phillips
11.00 - 11.30	Charlotte Aten Talk title: <i>On the construction of manifolds from alternating n-quasigroups</i>
11.30 - 12.00	Petr Vojtechovsky Talk title: <i>Classical solvability and congruence solvability in Moufang loops</i>
12.00 - 12.30	David Stanovsky Talk title: <i>Supernilpotent loops</i>
12.30 - 13.00	Alla Lutsenko Talk title: <i>Varieties of quasigroups with inverse properties</i>
13.00	Lunch
	Chair: Dylene Agda Souza de Barros
14.00 - 14.30	J.D. Phillips Talk title: <i>When is the commutant of a Moufang loop normal?</i>
14.30 - 15.00	Piroska Csorgo Talk title: <i>On Doro's conjecture</i>
15.00 - 15.30	Coffee break
15.30 - 16.00	Fedir Sokhatsky Talk title: <i>Public key cryptographic algorithms on vector-valued functions</i>
16.00 - 16.30	Oyeyemi Oyebola Talk title: <i>Characterization of Extra Polyloop-I</i>
16.30	LOOPS Meeting
18.00 - 19.00	Dinner