

**Monday, June 8, 2015**

9:45		Welcome coffee
10:15-10:20		Opening
10:20-10:45	Bayram	CP: An approach for designing a surface pencil through a given asymptotic curve
10:45-11:10	Kosinka	CP: Converting trimmed NURBS models to Clough-Tocher Splines
11:10-11:35	Valasek	CP: Geometric Hermite interpolation and parametrization optimization of curves
11:35-12:00	Woźny	CP: New applications of dual bases in CAGD
12:00-14:00		lunch
14:00-14:50	Mazure	IP: NURBS or not NURBS?
14:50-15:15	Takacs	CP: Iterative Fitting of B-Spline Surfaces Suitable for Isogeometric Analysis
15:15-15:45		coffee break
15:45-17:35	Lávička	Minisymposium: Algebraic Methods in Geometric Modeling and Other Fields (4 talks)
15:45-16:10	Fioravanti	MS: Intersection with ringed surfaces using algebra by values
16:10-16:35	Zube	MS: Dupin Channels with Applications to Molecular Surface Modeling
16:35-17:00	Šír	MS: Support function representation of curves with inflection points
17:00-17:10		short break
17:10-17:35	Vršek	MS: Recognizing implicitly given rational canal surfaces
17:35-18:00	Skrzypiec	CP: The space of lines - a good point of view to some plane evolutions of ovals
18:00		dinner

**Tuesday, June 9, 2015**

9:00-9:50	Speleers	IP: Hierarchical spline spaces and efficient quasi-interpolation
9:50-12:00	Giannelli	Minisymposium: Isogeometric Analysis (4 talks)
9:50-10:15	Majeed	MS: Manifold-based finite element basis functions of arbitrary order and smoothness
10:15-10:45		coffee break
10:45-11:10	Mourrain	MS: Geometric Continuous Splines over complex domains and applications

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11:10-11:35	Pelosi	MS: B-spline like discretization on three-directional meshes in Isogeometric Analysis
11:35-12:00	Vázquez	MS: Isogeometric discrete differential forms with hierarchical splines
12:00-14:00		lunch
14:00-14:25	Bracco	CP: A hierarchical Hermite spline quasi-interpolant
14:25-14:50	Grošelj	CP: $\mathcal{C}^1$ Cubic Splines on Powell-Sabin Triangulations
14:50-15:15	Mokriš	CP: Completeness of hierarchical Zwart-Powell elements
15:15-15:45		coffee break
15:45-16:10	Roman, Fabio	CP: Polynomial and generalized spline spaces over T-meshes: structural similarities
16:10-16:35	Zore	CP: On the linear independence of (truncated) hierarchical generating systems
16:35-17:00	Giannelli	CP: Adaptivity with THB-splines
17:00-17:10		short break
17:10-17:35	Sampoli	CP: An isogeometric boundary element method using spline spaces
17:35-18:00	Weiss	CP: Aspects of a curve theory in Minkowski planes
18:00		dinner

**Wednesday, June 10, 2015**

9:00-9:50	Jaklič	IP: Parametric polynomial approximation of a circle
9:50-10:15	Georgiev	CP: A Relation between Spatial Curves with Pythagorean Hodograph and Pythagorean Binormal
10:15-10:45		coffee break
10:45-11:10	Krajnc	CP: A quaternion approach to polynomial PN surfaces
11:10-11:35	Kunkli	CP: A web based tool for creating skinning curves and surfaces using biarcs
11:35-12:00	Mugnaini	CP: Collision-free path planning using PH spline interpolation with tension parameter
12:00-14:00		lunch
14:00		excursion
18:30		conference dinner at Schlossbrauerei Weinberg

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**Thursday, June 11, 2015**

09:00-09:50	Schicho	IP: Invariant Theory, Mobile Hexapods & Möbius Photogrammetry
09:50-10:15	Csima	CP: Isoptic surfaces of polyhedra
10:15-10:45		coffee break
10:45-11:10	Havlicek	CP: Harmonicity preservers: von Staudt's theorem revisited
11:10-11:35	Röschel	CP: Pairs of Cylinders Generated by Planar Curved Folding
11:35-12:00	Peternell	CP: Circles tangent to five spheres
12:00-14:00		lunch
14:00-14:50	Hoffman, Tim	IP: On a surface theory for quadrilateral nets
14:50-15:15	Himpel	CP: Efficient mesh optimization
15:15-15:45		coffee break
15:45-18:00	Husty	Minisymposium: Kinematics and Robotics (5 talks)
15:45-16:10	Li, Zijia	MS: A Collision Free Design for Planar Linkages Following A Prescribed Motion
16:10-16:35	Nawratil	MS: Fundamentals of Quaternionic Kinematics in Euclidean 4-Space
16:35-17:00	Pfurner	MS: Closed Form Algebraic Solution of a Redundant Serial Manipulator
17:00-17:10		short break
17:10-17:35	Schröcker	MS: The Rational Motion of Minimal Dual Quaternion Degree with Prescribed Trajectory
17:35-18:00	Zsombor-Murray	MS: Kinematic Geometry of a Novel Schönflies Two-Legged Robot
18:00		dinner

**Friday, June 12, 2015**

9:00-9:50	Hertrich-Jeromin	IP: Curves and Surfaces
9:50-12:00	Jurkin	Minisymposium: Non-Euclidean Geometry (4 talks)
9:50-10:15	Katić Žlepalo	MS: Curves of Foci of Conic Pencils in Pseudo-Euclidean Plane
10:15-10:45		coffee break
10:45-11:10	Milin-Šipuš	MS: The harmonic evolute and surfaces of constant mean curvature

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11:10-11:35	Odehnal	MS: Isotropic Congruences of Lines in Elliptic three-space
11:35-12:00	Szirmai	MS: Hyperball packings generated by prismatic tessellations of hyperbolic $n$ -space
12:00-14:00		lunch
14:00-14:25	Halas	CP: Circular curves of the 3rd class in the quasi-hyperbolic plane
14:25-14:50	Molnár/Schultz	CP: Geodesic lines, spheres in the new linear Nil-model with animations
14:50-15:15	Šimić Horvath	CP: On the Cyclic Quadrangle in the Isotropic Plane

IP: Invited presentation

MS: Minisymposium presentation

CP: contributed presentation