13th Scientific-Professional Colloquium on Geometry and Graphics
POREČ, September 7th–11th, 2008

ORGANIZER:
Croatian Society for Geometry and Graphics

PROGRAM

COMMITTEE:
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Faculty of Civil Engineering, University of Zagreb

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Sunday, September 7

17.00−20.00   Registration

19.00−21.00   Dinner

Monday, September 8

7.00− 9.00   Breakfast

Morning session (Chairperson: S. Gorjanc)

9.00− 9.10   Opening

9.10− 9.50   Plenary lecture
V. Volenec: *Some classes of idempotent medial quasigroups in geometry*

9.55−10.20   Coffee break

10.20−10.35   Z. Kolar-Begović, R. Kolar-Šuper: *Some interesting properties of heptagonal triangle*

10.40−10.55   M. Šimić: *Further on properties of a non tangential quadrilateral*

11.00−11.15   E. Jurkin: *Circular quartics in isotropic plane obtained as pedal curves of conics*

11.20−11.30   Pause

11.30−11.45   A. Sliepčević: *Osculating circles of conics in the isotropic plane*

11.50−12.05   M. Katić-Žlepalo, A. Sliepčević: *Some planimetric tasks in isotropic plane*

12.30−14.30   Lunch break

Afternoon session (Chairperson: V. Szirovicza)

14.30−15.10 Plenary lecture
G. Franzoni: *Material models of surfaces by 3D printing*

15.15−15.35 Pause

15.35−15.50 M. Szilvási-Nagy: *Geometric problems in manufacturing*

15.55−16.10 L. Vörös: *Regular and semi regular solids related to the 3-dimensional models of the hypercube*

16.15−16.25 Pause

16.25−17.00 F. Gruber, G. Wallner: *Images and mathematics*

17.10−17.30 Exibition
T. F. Farkas

19.00− 21.00 Dinner

Tuesday, September 9

7.00− 9.00 Breakfast

9.00−19.00 Tour through Istria (Lim fjord, Rovinj, Žminj, Beram, Motovun, Grožnjan)

19.00−21.00 Dinner

Wednesday, September 10

7.00− 9.00 Breakfast

Morning session (Chairperson: Z. Božikov)

9.00− 9.20 J. Beban Brkić: *Distance from point to line and from point to plane or if we had more time*

9.25− 9.40 J. Beban Brkić, V. Car, D. Dragun: *Learning another way*

9.45−10.10 Coffee break

10.10−10.25 D. Velichová: *Geometry in science and education at Slovak Universities*

10.30−10.45 B. Hajsig: *Experiences in applying Bologna process to Descriptive geometry teaching*

10.50−11.00 Pause

11.00−11.15 S. Mick: *Construction of some triangles in the Beltrami-Klein model of the hyperbolic plane*

11.20−11.35 M. Vajsáblová: *Geometric aspects of cartographic projections*

11.40−11.55 D. Kušar: *Division of the wheel windows of churches of St. Savoir in Dubrovnik and Sta. Maria's in Zadar and portals of church in Osor*

12.00−14.30 Lunch break

Afternoon session (Chairperson: A. Sliepčević)

14.30−15.10 Plenary lecture
Z. Božikov: *On some structures of finite geometry and their geometries*

15.15−15.35 Pause

15.35−15.50 E. Molnár: *Cube orbifolds and manifolds with various metric structure*

15.55−16.10 J. Szirmai: *Lattices in the Nil and Sol spaces*

16.15−16.30 M. Rodić Lipanović: *On the logarithmic mean in n variables*

16.35−16.45 Pause

16.45−17.00 T. Došlić: *The Golden Section in paintings - is the cat there?*

17.05−17.20 M. Hoffmann: *Generalized Fibonacci numbers and Metallic Shofars*

19.00−.... Conference dinner

Thursday, September 11

7.00− 9.00 Breakfast

Morning session (Chairperson: J. Beban-Brkić)

9.00−9.40 Plenary lecture
F. Manhart: *Minimal surfaces in 3-space: from Minkowski to Euclidean via isotropic*

9.45−10.10 Coffee break

10.10− 10.25 V. Benić, S. Gorjanc: *Singular points on surfaces* $\mathcal{P}_4^6$

10.30− 10.45 O. Röschel: *Curves with constant geodesic curvature with respect to two cylinders*

10.50−11.05 H. Stachel: *On simplices with prescribed areas of 2-facets in Euclidean spaces*

11.10−11.20 Pause

11.20−11.35 L. Pletenac: *Quartics deduced by pencil of polarities in* $\mathbf{P}_2$

11.40−11.55 K. Jurasić, Lj. Štambuk: *Animation of isooptic curves*

12.00−12.10 Closing

12.10− ..... Lunch

Departure