



Program of the
International GeoGebra Conference
 for Southeast Europe
 January 15-16, Novi Sad, Serbia

Saturday, January 15th, 2011

9:00 – 9:30	Conference opening – A1 (ground floor)	
9:30 – 10:00	Zsolt Lavicza Introducing GeoGebra and its future developments	
10:30 – 11:00	Zoltan Kovács What's new in GeoGebra	
11:00 – 11:30	Đurdica Takači GeoGebra and fractional derivatives	
11:30 – 12:00	Judit Pacsirta GeoGebra Institutes, Conferenes and News	
12:00 – 12:30	Toni Chehlarova Creating of specific learning environments within <i>GeoGebra</i>	
12:30 – 13:00	Zlatko Udovičić On the polynomial approximations	
13:00 – 14:30	LUNCH (Student restaurant, 1st floor)	
	Geogebra with the Seminar <i>chair: Đurdica Takači, Matija Lokar</i> A1 (Serbian language)	Dynamic geometry <i>chair: Janos Karsai, Arpad Takači</i> (English language)
14:30 – 15:00	Matija Lokar Using Simple Video Tutorials in Teaching with Geogebra	Janos Karsai Modeling the fight of species for territory with cellular automata

15:00 – 15:30	Dessislava Dimkova Exploring and discovering mathematics with dynamic worksheets	Nárcisz Kulcsár, Lajos Szilassi Special locuses
15:30 – 16:00	Mira Jovanović Matematičko modeliranje i GeoGebra	Marina Milovanović Multimedia Approach in Teaching Mathematics
16:00 – 16:30	Šime Šuljić GeoGebra u nastavi matematike	Davorka Radaković Razvoj softvera za dinamičku geometriju na Silverlight platformi
16:30 – 17:00	Elvira Šipoš Izometrijske transformacije u GeoGebra DGS	Zlatan Magajna Detecting patterns and properties in Geogebra constructions
17:00 – 17:30	Nenad Radaković Using GeoGebra for teaching and learning probability	Marina Petrović Testiranje i provera znanja na Moodle sistemu
17:30 – 18:00	Kaja Maričić Problem Solving Using GeoGebra	Lila Korenova
		Aleksandar Bukva, Živko Raičević Kinematika kosog hica
18:00 – 19:00	ROUND TABLE	
	Experiences from: Bosnia and Herzegovina, Bulgaria, Croatia, Iran, Serbia	
	Josip Kličinović: Croatian experience in using GeoGebra	
20:00	CONFERENCE DINNER (Hotel Sajam, Zlatna medalja) All participants are invited	

Sunday, January 16th, 2011

9:00 – 9:30	Academician Petar S. Kenderov The Role of European Project "Fibonacci" for the New Interplay between Science and Education	
9:30 – 10:00	Evgenia Sendova The beauty in mathematics and the mathematics in the beautiful	
10:30 – 11:00	Matija Lokar A New Teacher's Role and e-resources	
11:00 – 11:30	COFFEE BREAK	
11:30 – 12:00	Acad. Petar Kenderov, Evgenia Sendova, Toni Chehlarova, Dessi Dimkova Workshop Inquiry-based learning within dynamic mathematics environments: evolutionary and revolutionary changes in mathematics education	Peter Kortesi Teaching functions
12:00 – 12:30		Natalija Budinski Izvod eksponencijalne funkcije pomoću GeoGebre
12:30 – 13:00		Duška Pešić Epsilon-delta definicija neprekidne funkcije
13:00 – 13:20	Iordanka Gortcheva Demonstrative Approach to Ancient Constructive Problems through GeoGebra	Jelena Tatar Transformacije grafika funkcije
13:20 – 13:40	Tanja Sekulić Geogebra i matematičko modelovanje u nastavi matematike	Abdul-Sahib Hasani N. Plane Mirror in GeoGebra Laboratory
13:40 – 14:00	Dragana Nedić Znak i monotonost funkcije	
14:00 – 14:40	BUFFET LUNCH (at the DMI)	

14:40 – 15:00	Ana Donevska Todorova Computer Algebra Systems Supporting Teaching/Learning Linear Algebra	Dorđe Herceg Upotreba parametara u geometrijskim konstrukcijama u GeoGebri
15:00 – 15:20	Zoran Trifunov, Linda Fahlberg, Stojanovska Learning Trigonometric Functions Using GeoGebra	Ivana Sladoje Mathematical games can encourage pupils to learn and use the software package "GeoGebra"
15:20 – 15:40	Zoran Trifunov Learning Trigonometric Functions Using GeoGebra	Eugen Ljajko, Vait Ibro Development of ideas in a GeoGebra – aided mathematics instruction
15:40 – 16:00	Miljana Aritonović Kompleksni brojevi u programu <i>Geogebra</i>	Pellumb Kllogjeri Geogebra - a Very Effective Tool for Teaching Mathematical Concepts and Properties
16:00 – 16:20	Danka Lučić Grafički prikaz trigonometrijskih funkcija	Zoran Trifunov, Igor Dimovski Vector-Valued Functions and Geogebra
16:20 – 16:40	Tijana Stojančević Logarithmic function and GeoGebra	Milena Marić Using GeoGebra and Modern WebTechnologies for Teaching Analytic Geometry
16:40 – 17:00	Milanović Ivana, Raičević Vidak Utvrđivanje reda hemijske reakcije	Mario Varga Ekstremne vrednosti funkcije i primene
17:00	Conference closing	