

CADGME-2012 Novi Sad

Meeting of Fibonacci group TC3,

**22.06.2012, 19:00-19:30, Amfiteatar Mihajlo Pupin
Department of Mathematics and Informatics**

FIBONACCI LECTURES:

1. Carsten Miller [Dynamic Mathematics Software and Interactive E-Books](#)
2. Toni Chehlarova and Koya Chehlarova [Photo-pictures and dynamic software or about the motivation of the art-oriented students](#)
3. Libuše Samková [Deepening the content knowledge with GeoGebra](#)
4. Durdica Takaci Takaci and Doru Paunescu [The Influence of Visualization on Mathematical Thinking](#)
5. Natalija Budinski [Modeling real life situations with functions and GeoGebra in mathematical education](#)
6. Ruzica Vukobratovic and Djurdjica Takaci [On the Visualization of Function through programmed instruction in a computer classroom](#)
7. Georgi Dimkov and Dessislava Dimkova [The Geometric Transformations in the Plane from a Common Point of View](#)
8. Dessislava Dimkova [Inquiry-based Model of the Inversion in the Plane](#)
9. Kaja Maricic and Sima Pastor [Correlation of GeoGebra and CAD software in the analysis of cycloid meshing](#)
10. Ripco Sipos Elvira and Elvira R. Sipos [Teaching Geometry Using a Computer](#)
11. Jelena Tatar [On the convergence of the geometric series](#)
12. Duška Pešić [Cobwebbing in GeoGebra](#)
13. Mirjana Jovanovic [Directed line segments as free vectors](#)
14. Aleksandar Takaci [Using Fuzzy Systems to predict student test scores](#)

Workshop:

Libuse Samkova

[Volume and area ratios with GeoGebra](#)

<p>Aleksandra Arsić</p> <p>Interactive course of higher mathematics using GeoGebra (79)</p>	<p>Aleksandar Bukva</p> <p>Application of differential equations in physics (59)</p>
<p>Aleksandra Stevanović</p> <p>Analytic geometry made by GeoGebra software (80)</p>	<p>Danka Lucic, Mario Varga</p> <p>Using GeoGebra in mathematical modeling (70)</p>
<p>Marija Radojičić</p> <p>Interactive presentation of derivation of function using the software package GeoGebra (81)</p>	<p>Tijana Stojancevic</p> <p>On the mathematical modeling of interest by using GeoGebra (88)</p>
<p>Milena Isajlović</p> <p>Study about elementary functions teaching materials created using the software package GeoGebra (82)</p>	<p>Slavisa Radovic and Miroslav Maric</p> <p>Surface area of geometric figures using GeoGebra software (86)</p>