10th CONGRESS OF YUGOSLAV MATHEMATICIANS

The 10th Congress of Yugoslav Mathematicians was held in Beograd, January 21–24, 2001. There were about nine hundred participating mathematicians, including thirty guests from Austria, Italy, FYR Macedonia, Germany, Nigeria, Romania and USA.

The opening ceremony was completed with plenary lectures by two outstanding Yugoslav mathematicians, at this time working abroad, *Stevo Todorčević* from the University of Paris VII and *Judita Cofman* from the University of Erlangen.

Scientific activities in eleven sections (Logic, Algebra, Geometry and Topology, Real and Complex Analysis, Functional Analysis and Operator Theory, Differential Equations, Combinatorics and Graph Theory, Probability and Statistics, Numerical Analysis and Optimization, Computer Sciences, Applied Mathematics) gave opportunities to the participants to present some of their recent original contributions in relevant fields. Fourteen invited lectures, delivered by outstanding Yugoslav mathematicians, mostly of expository character, had completed the scope of these activities.

The activities in the special section on Teaching, History and Popularizing of Mathematics were mostly devoted to some actual problems of teaching and learning mathematics and computer sciences, including some topics on research in mathematics education, distance teaching and learning, gifted students identification, advancement and promotion, . . .

Four round tables were organized; their titles reflect the discussed topics:

- Mathematics Instruction and reform of the educational system;
- Where is Theoretical Mathematics going?;
- Industrial Mathematics and Informatics;
- Mathematics and mathematicians today and tomorrow.

One could register some interesting contributions, concerning the connections between mathematics, computer sciences and arts (music, painting). As a satellite activity of the Congress the International Conference and Exposition on Fractal Art was organized in October 2000.

The 10th Congress of Yugoslav Mathematicians was organized by the Faculty of Mathematics, University of Belgrade. During the Congress the regular Assembly of the Union of Mathematical Societies of Yugoslavia was organized. Professor *Zoran Kadelburg* from the University of Belgrade was elected as the new president of the Union. Also, Mathematical Society of Serbia held its regular Assembly and professor *Rade Doroslovački* from the University of Novi Sad was elected as the new president of the Society.