

**Romanian Academy
Section of Mathematical Sciences**

**University of Bucharest
Faculty of Mathematics**

**“Simion Stoilow”
Institute of Mathematics**

University of Pitești

5th CONGRESS OF ROMANIAN MATHEMATICIANS

June 22–28, 2003, Pitești, Romania

Second Announcement

This meeting is intended to resume an old tradition of holding congresses of Romanian mathematicians and it is largely open to international participation. Four such congresses have been organized in Cluj (1929), Turnu Severin (1932) and Bucharest (1945 and 1956).

The 5th Congress will be held in Pitești from June 22nd to June 28th, 2003, and will be organized by the Section of Mathematical Sciences of the Romanian Academy, the Faculty of Mathematics of the University of Bucharest, “Simion Stoilow” Institute of Mathematics of the Romanian Academy, and the University of Pitești. The opening ceremony will take place on Monday, June 23rd, at 9:30 a.m.

The Congress will work in sections. There will be 45 and 30 minutes lectures as well as short communications. Poster sessions will be also organized. A selection of the proceedings of the congress will be published.

Organizing Committee:

Romulus Cristescu (president), Viorel Barbu, Lazăr Dragoș, Marius Iosifescu, Petru T. Mocanu, Gabriela Marinoschi (editorial problems), Tiberiu Postelnicu—*Romanian Academy*
Șerban Basarab, Vasile Brînzănescu, Lucian Beznea (secretary)—*“Simion Stoilow” Institute of Mathematics*

Vasile Preda, Ion Chițescu, Ion Văduva—*Faculty of Mathematics of the University of Bucharest*
Gheorghe Barbu—*University of Pitești*

Local Secretariat: Bogdan Nicolescu, Laurențiu Deaconu, Florin Smaranda.

Among others the following mathematicians tentatively accepted to deliver lectures:
F. Altomare (Bari), B. Bojarski (Warsow), H. Brezis (Paris), A. Buium (New Mexico), D. Burghelea (Ohio), M. Campiti (Bari), Ph. Ciarlet (Paris), D. Ciorănescu (Paris), P. Deheuvels (Paris), N. Dinculeanu (Gainesville), I. Drăgan (SUA), H. Gonska (Duisburg),

S. Klainerman (Princeton), I. Lasićka (Charlottesville), S. Marchiafava (Rome), O. Martio (Finland), P. Mihăilescu (Paderborn), H. Moscovici (Ohio), F. Pop (Bonn), E. Sanchez Palencia (Paris), D. Tătaru (Berkeley), P. Terenzi (Milan), R. Theodorescu (Québec), R. Triggiani (Charlottesville), L. Tzafirri (Jerusalem), F.H. Vasilescu (Lille), M. Willem (Louvain), A. Zaharescu (Urbana), L. Zsido (Rome).

Sections and Scientific Committee:

1. Algebra, logic, and number theory: Șerban Basarab, George Georgescu, Constantin Năstăsescu, Florian Pop, Dorin Popescu
2. Algebraic and complex geometry: Lucian Bădescu, Vasile Brînzănescu, Alexandru Buium
3. Differential geometry and topology: Dan Burghelea, Steriu Ianuș, Radu Miron, Henri Moscovici, Vasile Oproiu, Ștefan Papadima
4. Real and complex analysis, potential theory: Cabiria Andreian-Cazacu, Nicu Boboc, Ion Chițescu, Mihnea Colțoiu, Petru T. Mocanu, Constantin Niculescu
5. Ordinary and partial differential equations, dynamical systems: Constantin Corduneanu, Sergiu Klainerman, Toader Moroza, Vicențiu Rădulescu, Constantin Vărsan
6. Variational methods, optimal control and optimization: Viorel Barbu, George Dincă, Ștefan Mirică
7. Functional analysis, operator theory: Romulus Cristescu, Nicolae Dinculeanu, Dumitru Gașpar, Nicolae Popa, Șerban Strătilă, Florian Horia Vasilescu
8. Probability, stochastic processes and mathematical statistics: Ioan Cuculescu, Monica Dumitrescu, Marius Iosifescu, Vasile Preda, Radu Theodorescu, Constantin Tudor
9. Numerical analysis and approximation theory: Gheorghe Micula, Dimitrie D. Stancu
10. Mathematical aspects of computer science: Toader Jucan, Gheorghe Păun, Ioan Tomescu, Ion Văduva
11. Mathematical programming and operations research: Wolfgang Breckner, Ioan Stancu-Minasian, Anton Ștefănescu
12. Mathematical modelling in natural and social sciences, mathematics and humanities: Gheorghe Barbu, Adelina Georgescu, Solomon Marcus, Gheorghe Oprișan
13. Mechanics and astronomy: Nicolae Cristescu, Lazăr Dragoș, Horia Ene, Ieronim Mihăilă, Magda Stavinschi, Nicolae Șandru
14. Mathematical physics: Sorin Ciulli, Viorel Iftimie, Gheorghe Nenciu, Radu Purice, Kostache Telean
15. History and philosophy of mathematics, mathematics education: Solomon Marcus, Laurențiu Panaitopol, Paul Radovici-Mărculescu.

Abstracts of all lectures will be included in the conference materials. Participants intending to give a lecture are requested to send a one-page abstract by e-mail as a \LaTeX file. Abstracts should reach the Organizing Committee (see address below) **before May 1st, 2003**.

