Romanian Academy Section of Mathematical Sciences

University of Bucharest Faculty of Mathematics "Simion Stoilow" Institute of Mathematics

University of Piteşti

5th CONGRESS OF ROMANIAN MATHEMATICIANS June 22–28, 2003, Piteşti, 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 Piteşti 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 Piteşti. 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* Şerban Basarab, Vasile Brînzănescu, Lucian Beznea (secretary)— "Simion Stoilow" Institute of Mathematics

Vasile Preda, Ion Chiţescu, Ion Văduva—Faculty of Mathematics of the University of Bucharest Gheorghe Barbu—University of Piteşti

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. Lasiecka (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. Tzafriri (Jerusalem), F.H. Vasilescu (Lille),
M. Willem (Louvain), A. Zaharescu (Urbana), L. Zsido (Rome).

Sections and Scientific Committee:

- 1. Algebra, logic, and number theory: Şerban 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 Ianuş, Radu Miron, Henri Moscovici, Vasile Oproiu, Ştefan Papadima
- 4. Real and complex analysis, potential theory: Cabiria Andreian-Cazacu, Nicu Boboc, Ion Chiţescu, Mihnea Colţoiu, Petru T. Mocanu, Constantin Niculescu
- 5. Ordinary and partial differential equations, dynamical systems: Constantin Corduneanu, Sergiu Klainerman, Toader Morozan, Vicențiu Rădulescu, Constantin Vârsan
- 6. Variational methods, optimal control and optimization: Viorel Barbu, George Dincă, Ștefan Mirică
- 7. Functional analysis, operator theory: Romulus Cristescu, Nicolae Dinculeanu, Dumitru Gaşpar, Nicolae Popa, Şerban 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 Ştefănescu
- 12. Mathematical modelling in natural and social sciences, mathematics and humanities: Gheorghe Barbu, Adelina Georgescu, Solomon Marcus, Gheorghe Oprişan
- 13. Mechanics and astronomy: Nicolae Cristescu, Lazăr Dragoș, Horia Ene, Ieronim Mihăilă, Magda Stavinschi, Nicolae Şandru
- 14. Mathematical physics: Sorin Ciulli, Viorel Iftimie, Gheorghe Nenciu, Radu Purice, Kostache Teleman
- 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 $\[Mathbb{E}]T_EX$ file. Abstracts should reach the Organizing Committee (see address below) before May 1st, 2003.

The participation fee is 75 Euro. It covers the conference materials, refreshments, the welcome reception and should be payed at the registration desk.

Accomodation and transport. For up-to-date information regarding accomodation and transport, please see the web page of the congress http://www.math.upit.ro. One can reach Piteşti from Bucharest by bus (in about 90 minutes). Participants intending to come by car will obtain on request additional information.

It will be possible to have lunches and dinners at the "University House" Restaurant at the estimated price of 12 Euro/day.

On Thursday, June 26th a one day excursion in the pictoresque neighbourhoods of Piteşti (including the Curtea de Argeş Monastery and the Vidraru Lake from Făgăraş Mountains) will be organized. The price, including the lunch, will be about 15 Euro. Additional social events for accompanying persons will be available. We plan to organize the conference dinner on Friday, June 27th.

Registration. Please fill in the Registration Form that should be returned (either by e-mail or standard mail) by **April 15th**, **2003** to the address:

5th Congress of Romanian Mathematicians c/o "Simion Stoilow" Institute of Mathematics P.O. Box 1-764, RO-70700 Bucharest, Romania Fax: (00)40 21 212 51 26 E-mail: congmatro@imar.ro URL: http://www.math.upit.ro

5th CONGRESS OF ROMANIAN MATHEMATICIANS June 22–28, 2003, Piteşti, Romania

| Registration Form | |
|--------------------------------------------|--|
| (to be returned by April 15^{th} , 2003) | |

| Name: | | | |
|-------------------------------------------------------------------------------------------------------------------|----------------|----------------|------|
| First name: | | | |
| Institution/Affiliation: | | | |
| Address (including e-mail): | | | |
| I would like to participate in section(s): I intend to deliver a lecture: YES Title (if not yet indicated): | [|] NO | |
| Arrival day (starting with June 22^{nd}): | | Departure day: | |
| Accompanying persons: | | | |
| Accomodation: YES Hotel: | 🗌 NO | | |
| Lunches and dinners at the "University House | e" Restaurant: | YES | 🗌 NO |