

CIM NEWS

CIM EVENTS FOR 2003

The CIM Scientific Committee, in a meeting held in Coimbra on February 9, approved the CIM scientific program for 2003.

The **Thematic Term** for 2003 will be dedicated to Mathematics and Engineering. The application of mathematics to engineering is crucial to knowledge and the development of science. The main objective of the thematic term for 2003 is to improve and emphasize the interdependence between the most recent and important research fields in mathematics and the most important fields of contemporary engineering: informatics engineering, chemical engineering, mechanical engineering, civil engineering and electronics engineering.

The thematic term 2003 consists of four events. The first event is devoted to mathematics and informatics engineering and focuses on soft computing and complex systems. The second event deals with modelling and simulation in chemical engineering. The third event is related to modelling and numerical simulation in continuum mechanics. The fourth event is concerned with mathematics and telecommunications.

Each one of these events is an Advanced School and Workshop, where short courses, lectures and invited talks will be given by well-known invited scientists. So it is expected that the thematic term 2003 will attract a large number of postgraduate students, mathematicians and engineers, interested in contributing to the development of mathematics and its applications to engineering.

The Thematic Term 2003 Organizer-Coordinator is Isabel Maria Narra de Figueiredo (University of Coimbra)

The list of events is the following:

WORKSHOP ON SOFT COMPUTING AND COMPLEX SYSTEMS

23-27 June 2003

Organizers:

António Dourado Correia, Univ. Coimbra

Ernesto Jorge Costa, Univ. Coimbra

José Félix Costa, I. Superior Técnico - Lisbon

Pedro Quaresma, Univ. Coimbra

WORKSHOP ON MODELLING AND SIMULATION IN CHEMICAL ENGINEERING

30 June - 4 July 2003

Organizers:

Alírio Egídio Rodrigues, Univ. Porto

Paula Oliveira, Univ. Coimbra

José Almiro Meneses e Castro[†], Univ. Coimbra

José Augusto Mendes Ferreira, Univ. Coimbra

Maria do Carmo Coimbra, Univ. Porto

ADVANCED SCHOOL AND WORKSHOP ON MODELLING AND NUMERICAL SIMULATION IN CONTINUUM MECHANICS

14-18 July 2003

Organizers:

Luís Filipe Menezes, Univ. Coimbra

Isabel Maria Narra de Figueiredo, Univ. Coimbra

Juha Videman, I. Superior Técnico - Lisbon

MATHEMATICAL TECHNIQUES AND PROBLEMS IN
TELECOMMUNICATIONS

8-12 September 2003

Organizers:

Carlos Salema, I. Superior Técnico - Lisbon

Joaquim Júdice, Univ. Coimbra

Carlos Fernandes, I. Superior Técnico - Lisbon

Mário Figueiredo, I. Superior Técnico - Lisbon

Luís Merca Fernandes, I. P. Tomar

Furthermore, the 2003 program will contain the following event:

THIRD DEBATE ON MATHEMATICAL RESEARCH IN
PORTUGAL

Porto, June 2003

Organizers:

José Ferreira Alves, Univ. Porto

José Miguel Urbano, Univ. Coimbra

CIM ASSOCIATES

The CIM General Assembly, in a meeting held in Coimbra on March 16, approved the admission of three new CIM Associates.

The current CIM Associate institutions are:

- Sociedade Portuguesa de Matemática
- Universidade de Coimbra
- Universidade do Porto
- Faculdade de Ciências da Universidade de Lisboa
- Universidade do Minho
- Universidade Nova de Lisboa
- Universidade de Aveiro
- Universidade dos Açores
- Universidade da Beira Interior
- Universidade de Évora
- Universidade de Trás-os-Montes e Alto Douro
- Cooperativa de Ensino Universidade Lusíada
- Universidade da Madeira
- Universidade do Algarve
- Centro de Matemática Aplicada do IST
- Centro de Investigação em Matemática e Aplicações da Universidade de Évora
- Centro de Álgebra da Universidade de Lisboa
- Centro de Matemática da Universidade de Coimbra
- Universidade de Macau
- Centro de Matemática da Universidade do Porto
- Centro de Estruturas Lineares e Combinatórias
- Instituto Superior de Economia e Gestão
- Centro de Física Computacional da Universidade de Coimbra
- Instituto de Sistemas e Robótica
- Centro de Lógica e Computação do IST

RESEARCH IN PAIRS AT CIM

CIM has facilities for research work in pairs and welcomes applications for their use for limited periods.

These facilities are located at Complexo do Observatório Astronómico in Coimbra and include:

- office space, computing facilities, and some secretarial support;
- access to the library of the Department of Mathematics of the University of Coimbra (30 minutes

away by bus);

- lodging: a two room flat.

At least one of the researchers should be affiliated with an associate of CIM, or a participant in a CIM event.

Applicants should fill in the electronic application form

http://www.cim.pt/cim.www/cim_app/application.htm

CIM ON THE WWW

Complete information about CIM and its activities can be found at the site

<http://www.cim.pt>

This is mirrored at

<http://at.yorku.ca/cim.www/>
