



## *Shaping New Directions in Mathematics for Science and Society*

### Round Table at the ICM 2006

Thursday, August 24, from 18.00 to 19.30

#### **Touradj Ebrahimi**

École Polytechnique Fédérale de Lausanne, Switzerland

#### **Francisco Marcellán**

Secretary-General of Scientific and Technological Policy  
Ministry of Education and Science, Spain

#### **David Terman**

Mathematical Biosciences Institute, Ohio, USA

#### **Henry Wynn**

London School of Economics, UK

#### **Mina Teicher, Moderator**

Emmy Noether Institute, Bar-Ilan University, Israel

#### **Carles Casacuberta, Coordinator**

Centre de Recerca Matemàtica, Barcelona, Spain

This Round Table is organised by the Advisory Committee of the NEST project *Shaping New Directions in Mathematics for Science and Society* of the European Commission, a two-year initiative (2005-2007) of the **CRM** (Barcelona, Spain), the **Emmy Noether Institute** (Ramat-Gan, Israel), **EURANDOM** (Eindhoven, The Netherlands), and the **IHÉS** (Bures-sur-Yvette, France). Its aim is to promote innovative mathematical research and to attract researchers into the following topics:

**Systems Biology**

**Risk Assessment**

**Mathematical Neuroscience**

**Digital Content Security**

The Round Table is addressed to a broad audience, especially to researchers in Mathematics with an interest in hearing about rapidly developing new specialties with a visible impact on society. The debate will address the following points:

- What is the current impact of Mathematics on each of the above topics?
- To what extent is the development of Mathematics influenced by advances in these topics?
- How can Mathematics achieve a stronger presence in multidisciplinary funded programmes?

