# Institute of Mathematics "Simion Stoilow" of the Romanian Academy
## The  week:  31 May - 04 June 2010

## Monday, May 31, 2010

**SNSB Seminar:**  Geometrie enumerativa
*Introduction to Tropical Linear Algebra*
16:00
IMAR, Hall "C. Banica"-306

## Tuesday, June 01, 2010

**IMAR Seminar:** Ecuatii differentiale
*Investigatii geometrice asupra conditiilor entropice*
Gh. Minea-IMAR
10:00-12:00
IMAR, Hall: "G. Vranceanu"-309

**IMAR Seminar:** Functional methods in fluid mechsnics
*Homogenization of Stokes Equations in Infinite Domains: do limits commute?*
Bogdan Vernescu (Worcester Poytechnic Institute, SUA)
11:00 – 13:00
IMAR, Hall "C. Banica" – 306

**IMAR Seminar:**  Algebra Comutativa
*Normal affine monoids II*
Dumitru Stamate- IMAR)
12:00-14:00
MIF Hall 102

**IMAR Seminar:**  Potential Theory
*Global inversion theorems and applications to BVP for PDE*
Eduardo Cabral Balreira (Trinity Univ., SUA)
14:00 – 16:00
MIF: Hall 1

## Wednesday, June 02, 2010

**SNSB Curs:**
*Introduction to surface theory*
Paltin Ionescu - MIF& IMAR
09:00 -- 12:00
IMAR, sala  "Miron Nicolescu"- PARTER

**IMAR Monthly Conference:**
***Surface effects in composite materials***
**Bogdan Vernescu (Worcester Poytechnic Institute, SUA)**
**13:00**
**IMAR, Sala de conferinte "Miron Nicolescu" - parter**

## Thursday, June 03, 2010

**IMAR Seminar**:  Algebraic Geometry
*The Riemann-Hilbert correspondence: D-modules and perverse sheaves  III*
Andrei Negut – IMAR
10:00 –12:00
IMAR, Hall "C. Banica" – 306


**IMAR Conference:**
***Heat kernel analysis and generalized Ricci lower bounds in sub-Riemannian geometry***
**Fabrice Baidoin (Purdue Univ.)**
**17:30**
**IMAR, sala "C. Banica" (307)**


## Friday, June 04, 2010

**SNSB Lecture:**  Analysis on fractals
Eugen Mihailescu - IMAR
11:00 -- 15:00
IMAR, Hall  "D. Barbilian "-414