

# Rencontre Singularités Grand-Sud

**lundi 27 et 28 novembre 2006**  
**Chapelle du CIRM, Luminy, Marseille**

Rencontre organisée dans le cadre du GDR singularités (responsable : Michel Granger)  
Organisateurs : J.-P. Brasselet, A. Pichon et D. Trotman

## Programme

Lundi 27 novembre

9 :40 Ouverture

9 : 50 – 10 :40 **Kyoji Saito**, Kyoto University, Japan

*The fundamental groups of the complement of free divisors*

11 :10 – 12 : 00 **Nicolas Dutertre**, LATP, Univ. De Provence, Marseille, France

*Semi-algebraic neighborhoods of closed semi-algebraic sets*

14 :00 -14 : 50 **Guillaume Rond**, Univ. Paul Sabatier, Toulouse, France

*Some remarks on the structure of homomorphisms of local  $k$ -algebras*

15 :00 – 15 : 50 **Masatomo Takahashi**, Hokkaido University, Japan

*Completely integrable implicit second order ordinary differential equations*

16 : 10 - 17 :00 **Mark Spivakovsky**, Univ. Paul Sabatier, Toulouse, France

*On the local uniformization theorem in positive characteristic*

17 :10 – 18 :00 **Georges Doussky**, LATP, Univ. De Provence, Marseille, France

*A family of elliptic singularities*

Mardi 28 novembre

9 :00 – 9 :50 **Vladimir Kostov**, Univ. De Nice, France

*On the Schur-Szegö composition of polynomials*

10 :20 –11 :10 **Schuichi Izumiya**, Hokkaido University, Japan

*The lightlike flat geometry on submanifolds of codimension two in*

*Minkowski space*

11 :20 – 12 :10 **David Trotman**, LATP, Univ. De Provence, Marseille, France

*On the local geometry of singular spaces and Whitney's fibering conjecture*

14 :00 –14 :50 **Kentaro Saji**, Hokkaido University, Japan

*Curvatures of singularities of wave fronts and its contour*

15 :10 -16 :00 **Camille Plénat**, LATP, Univ. De Provence, Marseille, France

*The Nash problem of arcs*