



Ant. de M. I. - 50 min	- <i>no assessment</i>
© M. Delzanno	- "Aspects of algebraic varieties and tropical geometry"
Non-algebraic, Non-convex and ω-minimal Domains:	
M. Ciani	- "Asymptotic convexity of the geometry of convex ω -minimal varieties"
C. Ciani	- "Fano's conjecture on geometric convexity"
C. McTague	- "Asymptotic and subadditivity"
L. De. Rialas	- "An extension of the notion of ray of the projective and of Fano's"
P. Acquafredda	- "Aspects of the ω -minimal of Delzanno, from the functional analysis"
Real Algebras, Quadratic Forms and Model Theory	
M. Delzanno	- "Theory of models in algebraic geometry"
L. Molins	- "Formal quantification in geometric logic"
S. Kuhlmann	- "Formality of premodels"
L. Van den Driess	- "Quadratic differential algebras"
S. Maletzky	- "EE, automata and applications"
Algorithms, Complexity, Efficiency and Applications	
S. Han	- "Complexity results in algebraic topology of semi-algebraic sets"
P. Forde	- "Computational complexity based on the use of algebraic decompositions"
L. González-Vega	- "Using real algebraic geometry to optimize curve and surface algorithms in computer aided geometric design applications"
M. P. Rey	- "Algorithms in geometric algebraic logic"

Abstract

Michel VITTE, CRMAS, Université Rennes 1, Rue SCKEMANS-CHIRI, Université Paris 7,
 Claude LIPSONNET, Institut de Mathématiques de Rennes, Université Paris 11
 In cooperation with the European Research and Training Network "New Methods and Analytic Geometry"

===== Weekly summary =====

Abstract Algebra, Quadratic Forms and Model Theory: Algorithms and Applications

November 1st - 4th, 2004.

Exposições: M. Costa, J. Isenberg, F. Khavinson, K. Kurbanov, A. Poincaré, J.-F. Råde, D. Thomas

PROGRAMME, PAST

T3-2005 Real Geometry

Start date : 12 September 2005 - **End date** : 16 December 2005

Real Geometry

September 12th – December 16th, 2005

Organizers :

M. Coste, M. Dickmann, D. Gondard

Scientific program : <https://perso.univ-rennes1.fr/michel.coste/Borel/realgeom.html>

More Information :

URL of the page: <https://www.ihp.fr/en/news-research-activities/t3-2005-real-geometry>

Registration on :

Registration are closed

Financial support requests are now closed.

Workshops :

- From November 2nd to 9th, 2005 : "Real Algebra, Quadratic Forms and Model Theory ; Algorithms and Applications"
 - From December 5th to 9th, 2005 : "Topology of Real Algebraic Varieties ; Semi-algebraic, Subanalytic and o-minimal Geometries"
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Through the CIMPA-CARMIN program the organizers wish to fund, with the support of the Labex CARMIN, the CIMPA and IHP, the participation of several young mathematicians from developing countries to the activities of the semester.

Young scientists (master students soon looking for a PhD, PhD students, postdocs) meeting those criteria and interested in the topics are much encouraged to apply for a support to participate on [the CIMPA web page](#).



INSTITUT HENRI POINCARÉ

Sorbonne Université / CNRS
11 rue Pierre et Marie Curie
75231 Paris Cedex 05

TIMETABLE

The institute:

- Monday to Friday from 8:30am to 6pm,
- closed on public holidays.

The museum - Maison Poincaré :

- Monday, Tuesday, Thursday and Friday from 9:30am to 5:30pm,
- Saturday from 10am to 6pm,
- closed on Wednesday and Sunday.