



Workshop on Diffeology &c.

June 29th-30th & July 1st, 2016

Galatasaray University, Istanbul, Turkey

Schedule

The follow-up of the 2013, 2014 and 2015 meetings in Aix-en-Provence, this is the **Fourth Workshop on Diffeology** and other extensions of differential calculus.

Galatasaray Üniversitesi
Çırağan Cad. No:36, 34349
Ortaköy/İstanbul

Wednesday June 29, 2016

9:30 Meeting at (to be announced).

10:30 - 11:30 Ernesto Lupercio

"Non-Commutative Toric Varieties as Diffeologies"

Lunch

15:00-16:00 Paul Donato

"Some aspects of Space of momenta for $\text{Diff}(M)$ "

16:30-17:30 Marc Lachieze-Rey

"From multisymplectic to symplectic"

Thursday June 30, 2016



9:30 - 10:30 *Pierre Cartier*

"On the Analogy Between Jet Spaces and Witt Vectors : a Categorical Approach. (In collaboration with A. Joyal)"

11:30-12:30 *Muhammed Uludağ*

"The outer automorphism of $PGL(2, \mathbb{Z})$ and the induced 'modular' involution of the real line (joint work with Hakan Ayrul)"

Lunch

15:00-16:00 *Jean Pierre Magnot*

"Lie groups and diffeological Lie groups of series with applications"

15:30-16:30 *Patrick Iglesias-Zemmour*

"A crash course in Diffeology"

20:00 *Conference Diner*

Friday July 1, 2016

9:30-10:30 *Oğul Esen*

"Dynamics on Matched pairs"

11:00-12:00 *Serap Gürer*

"Cohomology Theories in Diffeology"

Lunch

15:30-16:30 *Patrick Iglesias-Zemmour*

"C-Algebra And Diffeology: The Case Of Orbifolds"*

17:30-18:30 *Conclusions and Next Workshop*

Participants

Vladimir Bavula (University of Sheffield, England)
Pierre Cartier (IHES, France)
Paul Donato (Aix-Marseille University, France)
Oğul Esen (Gebze Technical University, Turkey)
Elvan Göktepe (Galatasaray University, Turkey)
Serap Gürer (Galatasaray University, Turkey)
Patrick Iglesias-Zemmour (Aix-Marseille University, France)
İlhan İkeada (Yıldırım University, Turkey)
Örgür İnce (METU, Turkey)
Buşra Karadeniz (Galatasaray University, Turkey)
Oğuzhan Kaya (Galatasaray University, Turkey)
Marc Lachize-Rey (Paris-Diderot University, France)
Ernesto Lupercio (Mexico University, Mexico)
Jean-Pierre Magnot (Académie de Clermont-Ferrand, France)
Ergin Süer (Bilgi University, Turkey)
Meral Tosun (Galatasaray University, Turkey)
Muhammed Uludağ (Galatasaray University, Turkey)

Organisation : Serap Gürer & Patrick Iglesias-Zemmour



With the support of TÜbitak & the Université Galatasaray, Turkey.

