



Organizers:

- → Mohamed Rachid Hiali, Faculté des Sciences, Ain Chock, Casablanca
- → My Ismail Mamouni, CRMEF, Rabat
- → Yael Frégier, Artois Univ., France



the Master/Doctorate level. Its aim is to show connections between different domains of modern mathematics (algebraic topology, operads, deformations theory) and mathematical physics (supergeometry, quantization, Poisson geometry). We plan 20h of classes (about 3h30 for each theme) and 5h of exercises. This should leave plenty of room for informal interactions between participants. One of the objectives, other than the transmission of knowledge, is to create links for future collaborations.

This research school targets students at

Summer School

Algebraic Topology

mathematical physics

June 3-5, 2015

CRMEF Rabat



Program

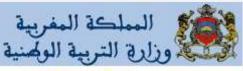
- \sim Differential graded Lie/ L_{∞} algebras governing deformations
- $\rightarrow A_{\infty}/L_{\infty}$ algebras from the point of view of super-geometry
- → Survey of rationnal homotopy theory
- → Operads and their resolutions
- → Applications of super geometry to Poisson geometry



Speakers:

- → Dhyan Arana, Univ. Zurich, Switzer-
- → Nestor Leon Delgado, Univ. Bonn, Germany
- → Florian Naef, Univ. Genéve, Switzer-
- → Michele Schiavina, Univ. Zurich, Switzerland
- → Vincent Schlegel, Univ. Zurich, Switzerland
- → Konstantin Wernli, Univ. Zurich. Switzerland
- → David White, Univ. Denison, USA
- → Hicham Yamoul, Univ. Casablanca, Morocco
- → Ricardo Campos, Univ. Zurich. Switzerland

≯Location:



CRMEF-Rabat

