



AlgTop

<http://algtop.net>

MAAT

MOROCCAN AREA OF
ALGEBRAIC TOPOLOGY



Organizers:

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



Aim:

This research school targets students at 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.



Program

- ~ Differential graded Lie/ L_∞ algebras governing deformations
- ~ A_∞/L_∞ algebras from the point of view of super-geometry
- ~ Survey of rational homotopy theory
- ~ Operads and their resolutions
- ~ Applications of super geometry to Poisson geometry



Speakers:

- ~ Dhyana Arana, Univ. Zurich, Switzerland
- ~ Nestor Leon Delgado, Univ. Bonn, Germany
- ~ Florian Naef, Univ. Genève, Switzerland
- ~ 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:

