

# Research Programme on Moduli Spaces

## GROUP ACTIONS IN ALGEBRAIC AND SYMPLECTIC GEOMETRY WORKSHOP

Orange Room, ICMAT (Madrid, Spain)  
2 - 3 October 2018

### Scientific programme:

#### Tuesday, 2 October 2018

**10:30 - 11:30: Frances Kirwan** (University of Oxford)  
*Moment maps and non-reductive geometric invariant theory*

**12:00 - 13:00: Artur de Araujo** (ICMAT-CSIC)  
*Representations of generalized quivers*

**14:30 - 15:30: Eva Miranda** (UPC Barcelona & Observatoire de Paris)  
*The geometry of the moment map for singular symplectic manifolds*

**16:00 - 17:00: Claudio Bartocci** (Università degli Studi di Genova)  
*Moduli spaces of sheaves on algebraic surfaces as Poisson quiver varieties*

#### Wednesday, 3 October 2018

**10:00 - 11:00: David Alfaya** (ICMAT-CSIC)  
*Automorphism group of the moduli space of parabolic vector bundles*

**11:15 - 12:15: Ignasi Mundet** (UB Barcelona)  
*Maximal compact subgroups of diffeomorphism and Hamiltonian diffeomorphism groups*

**12:30 - 13:30: Frances Kirwan** (University of Oxford)  
Special Colloquium: *Moduli spaces of unstable curves*

### Organizing committee:

**Luis Álvarez-Cónsul** (ICMAT-CSIC)  
**Steven Bradlow** (Urbana-Champaign)  
**Xiuxiong Chen** (Stony Brook)  
**Mario García-Fernández** (ICMAT-UAM)  
**Óscar García-Prada** (ICMAT-CSIC)  
**Tomás L. Gómez** (ICMAT-CSIC)

### Scientific committee:

**Simon Donaldson** (Imperial College & Stony Brook)  
**Nigel Hitchin** (University of Oxford)

More information: <https://www.icmat.es/RT/2018/RPMS/gra.php>