

Workshop on Moduli Spaces in Geometry and Physics
Sibiu, May 14-16, 2009

PROGRAM

Thursday, May 14, 2009

- 09:00-09:45 Opening RoGerS
09:45-10:45 1st RoGerS plenary lecture
- Coffee (10:45-11:05)*
- 11:05-11:35 DFG Presentation
- Morning Session**
- Chairman: Șerban Basarab
- 11:45-12:35 Ștefan Papadima: *Deformation theory for flat connections and cohomology jump loci*
- Lunch*
- 15:00-16:00 2nd RoGerS plenary lecture
- Coffee (16:00-16:30)*
- Afternoon Session**
- Chairman: Ștefan Papadima
- 16:30-17:20 Johannes Nagel: *On the motive of a conic bundle over a surface*
- 17:30-18:20 Răzvan Lițcanu: *Singular Bott-Chern classes and the arithmetic Grothendieck-Riemann-Roch theorem*

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Friday, May 15, 2009

09:00-10:00 3rd RoGerS plenary lecture

Coffee (10:00-10:20)

10:20-10:50 DAAD Presentation

Morning Session

Chairman: Günther Trautmann

11:00-11:50 Vasile Brînzănescu: *Vector bundles on non-Kaehler Calabi-Yau type 3-folds*

12:00-12:50 Andrei Neguț: *Laumon Spaces and the Calogero-Sutherland Integrable System*

Lunch

15:00-16:00 4th RoGerS plenary lecture

Coffee (16:00-16:30)

Afternoon Session

Chairman: Paltin Ionescu

16:30-17:20 Nicolas Perrin: *Symmetries in the quantum cohomology of homogeneous spaces*

17:30-18:20 Gianluca Pacienza: *On the geometry of stable base loci of adjoint and anti-adjoint divisors*

18:40-19:30 Angela Ortega: *Existence results on moduli spaces of coherent systems*

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Saturday, May 16, 2009

09:00-10:00 Herbert Lange: *Brill-Noether theory for vector bundles*
(5th RoGerS plenary lecture)

Coffee (10:00-10:30)

Morning Session

Chairman: Vasile Brînzănescu

10:30-11:20 Paltin Ionescu: *On defective manifolds, a unitary approach*

11:30-12:20 Günther Trautmann: *Replacing the boundary by vector bundles*

Lunch

14:00-15:00 6th RoGerS plenary lecture

Coffee (15:00-15:30)

Afternoon Session

Chairman: Herbert Lange

15:30-16:20 Daniel Matei: *Fundamental Groups of Smooth Quasiprojective Varieties*

16:30-17:20 Gavril Farkas: *The explicit geometry of the spin moduli space*

17:40-18:30 *Round Table on the Geometry of Moduli Spaces*