

The 14th Takagi Lectures

November 15 (Sat)--16 (Sun), 2014
Graduate School of Mathematical Sciences
The University of Tokyo, Tokyo, Japan

Program

November 15 (Sat), 2014

- 11:30--12:30 Registration
- 12:30--12:40 Opening
- 12:40--13:40 **Ciprian Manolescu** (University of California, Los Angeles)
Floer Theory and Its Topological Applications (I)
- 14:00--15:00 **Akshay Venkatesh** (Stanford University)
Cohomology of Arithmetic Groups and Periods of Automorphic Forms (I)
- 15:00--15:45 Coffee/Tea Break
- 15:45--16:45 **Peter Scholze** (Universität Bonn)
On Torsion in the Cohomology of Locally Symmetric Varieties (I)
- 17:05--18:05 **Alice Guionnet** (Massachusetts Institute of Technology)
Random Matrices and Free Analysis (I)

November 16 (Sun), 2014

- 10:00--11:00 **Ciprian Manolescu** (University of California, Los Angeles)
Floer Theory and Its Topological Applications (II)
- 11:20--12:20 **Akshay Venkatesh** (Stanford University)
Cohomology of Arithmetic Groups and Periods of Automorphic Forms (II)
- 12:20--14:00 Lunch Break
- 14:00--15:00 **Peter Scholze** (Universität Bonn)
On Torsion in the Cohomology of Locally Symmetric Varieties (II)
- 15:20--16:20 **Alice Guionnet** (Massachusetts Institute of Technology)
Random Matrices and Free Analysis (II)
- 16:30--17:30 Workshop closing with drinks

Organizing Committee

Y. Kawahigashi, T. Kobayashi, H. Nakajima, K. Ono, T. Saito

The Mathematical Society of Japan
Graduate School of Mathematical Sciences, The University of Tokyo