

# The 11th Takagi Lectures

November 17 (Sat)--18 (Sun), 2012  
Graduate School of Mathematical Sciences  
The University of Tokyo, Tokyo, Japan

## Program

### November 17 (Sat), 2012

- 14:00--15:00 Registration
- 15:00--15:10 Opening
- 15:10--16:10 **Paul Frank Baum** (The Pennsylvania State University)  
*Non-Commutative Geometry and the Local Langlands Conjecture (I)*
- 16:40--17:40 **Robert Seiringer** (McGill University)  
*Hot Topics in Cold Gases---A Mathematical Physics Perspective (I)*

### November 18 (Sun), 2012

- 10:00--11:00 **Alex Lubotzky** (Einstein Institute of Mathematics)  
*Ramanujan Complexes and High Dimensional Expanders (I)*
- 11:30--12:30 **Paul Frank Baum** (The Pennsylvania State University)  
*Non-Commutative Geometry and the Local Langlands Conjecture (II)*
- 12:30--14:00 Lunch Break
- 14:00--15:00 **Robert Seiringer** (McGill University)  
*Hot Topics in Cold Gases---A Mathematical Physics Perspective (II)*
- 15:00--15:45 Coffee/Tea Break
- 15:45--16:45 **Alex Lubotzky** (Einstein Institute of Mathematics)  
*Ramanujan Complexes and High Dimensional Expanders (II)*
- 17:00--18:00 Workshop closing with drinks

Organizing Committee

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