

# The 8th Takagi Lectures

Lecture Hall (Room No. 420)  
Research Institute for Mathematical Sciences  
Kyoto University, Kyoto, Japan

## Program

### November 23 (Tue), 2010

- 09:00--10:00 Registration
- 10:00--10:05 Opening speech
- 10:05--11:05 **Sergei Gukov** (California Institute of Technology)  
*Quantization via mirror symmetry (I)*
- 11:05--11:30 Coffee/Tea Break
- 11:30--12:30 **Alain Connes** (Collège de France, IHÉS)  
*The adèle class space and the Riemann zeta function*
- 12:30--14:00 Lunch Break
- 14:00--15:00 **Sergei Gukov** (California Institute of Technology)  
*Quantization via mirror symmetry (II)*
- 15:20--16:20 **Alain Connes** (Collège de France, IHÉS)  
*The Witt construction in characteristic one and quantization*
- 16:30--17:30 Workshop closing with drinks

### *Organizing Committee*

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

### *Supported by*

The Mathematical Society of Japan  
Research Institute for Mathematical Sciences, Kyoto University