

The 15th Takagi Lectures

June 27 (Sat)--28 (Sun), 2015
Lecture Theater (3rd floor), House of Creativity
Tohoku University, Sendai, Miyagi, Japan

Program

June 27 (Sat), 2015

12:30--13:30 Registration

13:30--13:40 Opening

13:40--14:40 **Cédric Villani** (Université de Lyon and Institut Henri Poincaré)
Optimal Transport, Entropy and Curvature: The State of the Art (I)

15:10--16:10 **Vaughan F.R. Jones** (Vanderbilt University)
Knots and Groups

16:10--17:00 Coffee/Tea Break

17:00--18:00 **Anatoly Vershik** (St. Petersburg Department of Steklov Institute of Mathematics)
*Invariant Measures, Exit Boundaries, Branching Graphs
and Standardness of Filtrations (I)*

June 28 (Sun), 2015

09:30--10:30 **Cédric Villani** (Université de Lyon and Institut Henri Poincaré)
Optimal Transport, Entropy and Curvature: The State of the Art (II)

11:00--12:00 **Vaughan F.R. Jones** (Vanderbilt University)
Subfactors Knots and Physics

12:00--13:30 Lunch Break

13:30--14:30 **Anatoly Vershik** (St. Petersburg Department of Steklov Institute of Mathematics)
*Invariant Measures, Exit Boundaries, Branching Graphs
and Standardness of Filtrations (II)*

14:40--15:40 Workshop closing with drinks

Organizing Committee

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

The Mathematical Society of Japan
Mathematical Institute, Tohoku University