

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