

The seventh Takagi Lectures

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

Program

November 21, Saturday

- 12:30--13:25 Registration and Coffee
13:25--13:30 Opening Speech, Takashi Tsuboi (President, The Mathematical Society of Japan)
13:30--14:30 **Uwe Jannsen** (Universität Regensburg)
Weights in arithmetic geometry (I)
15:00--16:00 **James McKernan** (Massachusetts Institute of Technology)
Mori dream spaces (I)
16:00--17:00 Coffee/Tea Break
17:00--18:00 **Michael Hopkins** (Harvard University)
The Kervaire invariant problem (I)

November 22, Sunday

- 10:00--11:00 **Chandrashekhhar Khare** (University of California, Los Angeles)
Serre's conjecture and its consequences (I)
11:30--12:30 **Michael Harris** (Université Paris 7)
Arithmetic applications of the Langlands program (I)
12:30--14:30 Lunch Break
14:30--15:30 **Uwe Jannsen** (Universität Regensburg)
Weights in arithmetic geometry (II)
15:30--16:30 Coffee/Tea Break
16:30--17:30 **James McKernan** (Massachusetts Institute of Technology)
Mori dream spaces (II)

November 23, Monday

- 09:30--10:30 **Michael Hopkins** (Harvard University)
The Kervaire invariant problem (II)
11:00--12:00 **Chandrashekhhar Khare** (University of California, Los Angeles)
Serre's conjecture and its consequences (II)
12:30--13:30 **Michael Harris** (Université Paris 7)
Arithmetic applications of the Langlands program (II)
13:30--14:30 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,
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