

Geometry and Analysis

京都大学大学院理学研究科 3号館 127 大会議室
<https://www.math.kyoto-u.ac.jp/ja/overview/access>

Program

Thursday, December 5, 2019

- 9:30–10:30 **Richard Schoen** (University of California, Irvine)
“The general positive mass theorem I”
- 10:40–11:40 **Richard Schoen** (University of California, Irvine)
“The general positive mass theorem II”
- 13:00–14:00 **Hiroyoshi Mitake** (University of Tokyo)
“On birth and spread type nonlinear partial differential equations”
- 14:10–15:10 **Norisuke Ioku** (Tohoku University)
“Attainability of the best Sobolev constant in a ball”
- 15:30–16:30 **Chikako Mese** (Johns Hopkins University)
“Surface groups acting on CAT(−1) spaces”

Friday, December 6, 2019

- 9:30–10:30 **Richard Schoen** (University of California, Irvine)
“The general positive mass theorem III”
- 10:40–11:40 **Richard Schoen** (University of California, Irvine)
“The general positive mass theorem IV”
- 13:00–14:00 **Shin Nayatani** (Nagoya University)
“Riemannian metrics maximizing
the first eigenvalue of the Laplacian on a closed surface”