ESI Erwin Schrödinger International Institute
for Mathematical Physics

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Teichmüller Theory

Seminar and Lecture Series

Week 2: February 18 - 22, 2013

Organized by: Louis Funar, Yurii Neretin, Athanase Papadopoulos and Bob Penner

- **Monday, February 18**
  10:00 – 11:00 Yasushi Kasahara
  On visualization of the linearity problem for mapping class groups of surfaces, I
  11:00 – 12:00 Yasushi Kasahara
  On visualization of the linearity problem for mapping class groups of surfaces, II

  Abstract: I will give a restatement of the linearity of the mapping class group of a once-punctured surface. This is described in terms of the dynamical property of the action of the mapping class group on the deformation space of the linear representations of the corresponding closed surface group. I will also give a similar restatement for the closed surface case. The talk is based on my preprint with the same title (arXiv:1202.6442).

Venue: ESI Boltzmann Lecture Hall