Wintersemester 2002/2003

Symplectic Group Theory

The seminar wants to bring together people from symplectic geometry and from geometric group theory, which would like to understand the papers of M. Entov and L. Polterovich ([1, 2]). Both papers apply results and methods from symplectic geometry to answer questions in group theory. It would be very nice if there were experts of any of these two fields, who are willing to explain the details to the non-experts.

References

[1] L. Polterovich, Growth of maps, distortion in groups and symplectic geometry, preprint 2001, math.DS/0111050

[2] M. Entov and L. Polterovich, Calabi quasimorphism and quantum homology, preprint 2002, math.SG/0205247

Seminar: Monday, 13.00–15.00 in HG G43/HWZ, starting from November 11th (which will be partly devoted to the organization of the seminar)

Contact: Alessandra Iozzi
Office: HG G39.3
Tel.: 01 632 33 95
eMail: iozzi@math.ethz.ch

Anna Wienhard
Office: HG G39.4
Tel.: 01 632 35 90
eMail: wienhard@math.ethz.ch