

SYMPLECTIC WORKING GROUP SEMINAR

Monday, March 9, 4:30-6:30. Room 2-136.

KATRIN WEHRHEIM

Quilts - definition and application to quantum homology

I'll give a leisurely introduction to pseudoholomorphic quilts.

Two main goals:

- a) explain what seams are and why they need to be real analytic (so one can fold them)
- b) as application show how a Lagrangian correspondence

$$L_{01} \subset M_0 \times M_1$$

induces a morphism between quantum homologies, and how that relates with ring structures and composition of correspondences

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<http://math.mit.edu/~acotton/swg.html>