Quasidiscs, Dominos and Invariant Measures

speaker: Fred Gardiner
joint work with Yunping Jiang

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I. Dominos as operators.

II. Normalized quasidisc operators.

III. The quasidisc cocycle.

IV. $US$ circle expanding maps.

V. $UAC$ expanding extensions.

VI. Fundamental grids.

VII. $Teich(f_0)$, Teichmüller equivalence and the scaling function $s_f$.

VIII. The unique symmetric invariant measure $m_f$.

IX. Construction of the involution on the dynamical dominos.
X. Unique decomposition of $f \in US$ into $m_f$ and $s_f$. 
Figure 1. The map diagram.

In this figure $\Delta$, $A$, $B$ and $W$ are normalized quasidisc pairings and $W$ is the normalized quasidisc pairing that interpolates $A$ and $B$. 
Figure 3. The Markov partition for $f_0(z) = z^2$. 
Each dynamical interval at level $n$ determines a dynamical quasiconformal domino.
Figure 5. Composition of dominos.

*The pullback to rectified dominos yields a composition of dominos.*
The composition operator for two quasidisc pairings is realized by a third quasidisc pairing.