

Geometric Structures with Symmetry and Periodicity

WoCG'14 - Kyoto

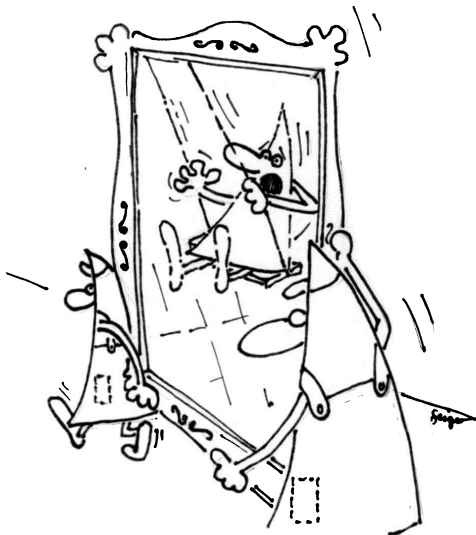
June 8 & 9





Thanks

- local organizers
- workshops committee
- speakers
- attendees



- 14:35-14:55 Boris Thibert
Embeddings of the square flat torus and smooth fractals
- 14:55-15:20 Monique Teillaud
Voronoi diagrams and Bolza surface
- 15:20-16:00 Benjamin Burton
Exact computation with hyperbolic 3-manifolds
- 16:00-16:30 Coffee Break
- 16:30-17:10 Hiro Tanaka
*Coordinated motions of repetitive structures
from a mechanical point of view*
- 17:10-17:30 Luca Castelli Aleardi, Olivier Devillers, and Éric Fusy
Crossing-free straight-line drawing of graphs on the flat torus
- 17:30-17:50 Norie Fu and Vorapong Suppakitpaisarn
The Betweenness Centrality on 1-Dimensional Periodic Graphs

15:00-15:40 Ciprian Borcea and Ileana Streinu

A Geometric Theory of Auxetic Deformations

15:40-16:00 Louis Theran

Ultrarigid periodic frameworks

16:00-16:20 Bernd Schulze and Shin-ichi Tanigawa

Linking Rigid Bodies Symmetrically

16:20-16:40 Coffee Break

16:40-17:20 George Phillips

*Dynamics of protein molecules in crystals:
"Please hold still so we can take your picture"*

17:20-17:40 Helmut Alt for Claudia Dieckmann

Approximate Symmetries of Point Patterns

17:40-18:00 Jack Snoeyink, Auston Sterling, and Vishal Verma

Symmetry-aware placement of hydrogens in molecules:

Reduce and cctbx