

23rd Annual Video and Multimedia Review of Computational Geometry

PC report

Program Committee: Video and Multimedia

Eric Berberich (MPI Saarbrücken)

Kevin Buchin (TU Eindhoven)

Sunghee Choi (KAIST)

Wolfgang Mulzer (Free University Berlin)

Yoshio Okamoto (University of Electro-Communications)

André Schulz (University of Munster)

Bettina Speckmann (TU Eindhoven)

Yusu Wang (Ohio State University)

Video PC Report

- 8 submissions
 - 7 videos, of which 1 accompanied by software
 - 1 applet
- Evaluation:
 - every PC member reviewed every submission
(excluding conflicts of interest)
 - in person meeting (5 of 8 members)
 - collaborative editing of reviews (etherpad), e-mail discussion
 - conditional acceptances → more reviews → ...
- 8 acceptances
 - <http://www.computational-geometry.org/SoCG-videos/socg14video/>

Visualizing hyperbolic Voronoi diagrams

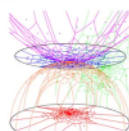
Frank Nielsen

Sony Computer Science Laboratories, Japan
Ecole Polytechnique, France



Richard Nock

NICTA, Australia
CEREGMIA, France



7 videos + 1 applet

LiveCG

Interactive Visualization Environment for
Computational Geometry

<https://github.com/sebkur/live-cg>

Sebastian Kürten
FU Berlin

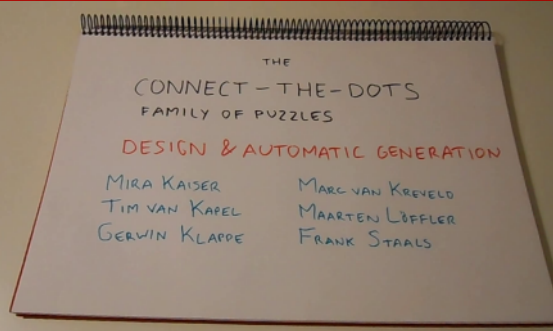
sebastian.kuerten@fu-berlin.de

Wolfgang Mulzer
FU Berlin

mulzer@inf.fu-berlin.de

Morphing Polygonal Tilings
with
Floater and Gotsman's Algorithm

Ivaylo Ilinkin
Gettysburg College



The Trajectory Grouping Structure

Kevin Buchin, Bettina Speckmann: TU/e
Marc van Kreveld, Frank Staals: UU
Maike Buchin: RUB

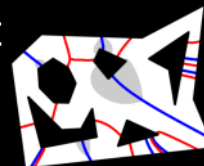


Straight Skeletons

Gernot Walzl Franz Aurenhammer



Geometric kth Shortest Paths: the Applet



John Hershberger, Valentin Polishchuk,
Bettina Speckmann, and Topi Talvitie

Drawing Graphs in 3D with Many Bends

Lezar de Guzman Stephen Wismath



University of Lethbridge,
(financial support from NSERC is gratefully acknowledged)

If you missed the session ...



but ...

