RAM 2024

TSVP TALK

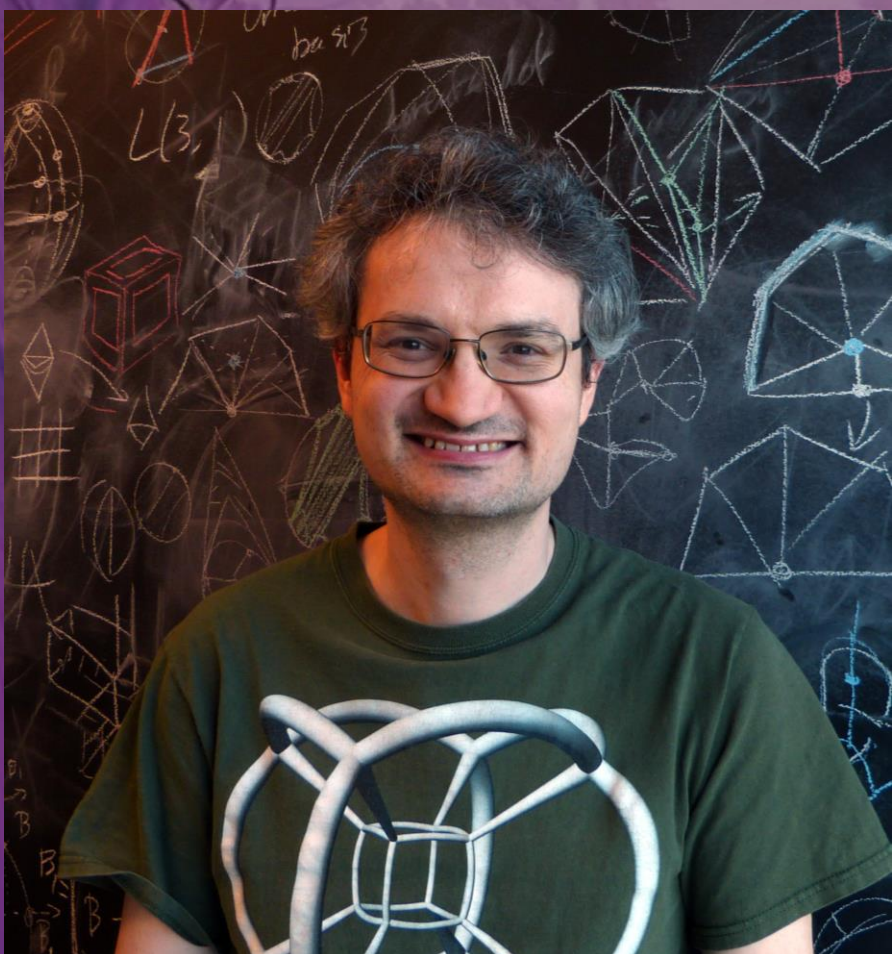# Artistic Mathematics: Truth and Beauty

2024
THU. **Oct. 24**
11:00–12:00
HYBRID | L5D23, ZOOM

For zoom and other details scan QR code or visit groups.oist.jp/tsvp

I'll talk about my work in mathematical visualization: making accurate, effective, and beautiful pictures, models, and experiences of mathematical concepts. I'll discuss what it is that makes a visualization compelling, and show many examples in the medium of 3D printing, as well as some work in virtual reality and spherical video. I'll also discuss my experiences in teaching a project-based class on 3D printing for mathematics students.

Oklahoma State University

Henry Segerman

Henry Segerman received his masters in mathematics from the University of Oxford, and his Ph.D. in mathematics from Stanford University. He is an associate professor in the Department of Mathematics at Oklahoma State University. His research interests are in three-dimensional geometry and topology, and in mathematical art and visualization. In visualization, he works in 3D printing, spherical video, and virtual reality. He is the author of the book "Visualizing Mathematics with 3D Printing".