# Lectures on Computational and Structural Origami

計算折紙
構造折紙
講義

**January 22nd (Mon) 17:30—19:00
Room 242 (4th floor), Engineering
Bldg. 2, UTokyo Hongo Campus**

The concept of ORIGAMI is now being researched through a collaboration between various fields, including mathematics, computer science, engineering, biology, design, art, and education. This collaboration is leading to innovative engineering designs such as space structures, transformable robots, and folded architectures. Two lectures overview the theory and application of computational and structural origami.



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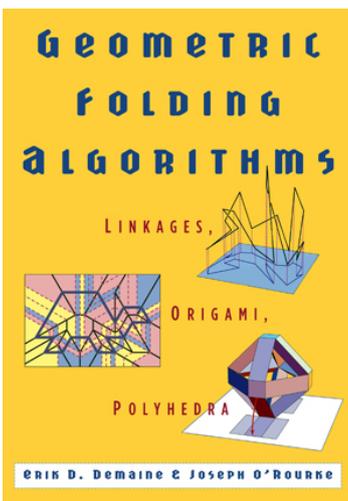


# Erik Demaine is a Professor

in Computer Science at the Massachusetts Institute of Technology. Demaine's research interests range throughout algorithms, from data structures for improving web searches to the geometry of understanding how proteins fold to the computational difficulty of playing games. Together with his father Martin, his interests span the connections between mathematics and art, including curved-crease sculptures in the permanent collections of the Museum of Modern Art in New York, and the Renwick Gallery in the Smithsonian.

# Rupert Maleczek is an

Architect, Researcher and Consultant, currently working as Senior Scientist at the institute of design | structure and design (i.sd), at the University Innsbruck. He received his Architectural diploma degree from the University of Innsbruck in 2007, and finalized his PhD-Thesis about "Linear Folded Stripes" in April 2014 with distinction. Besides his expertise in structural origami, Rupert's research field is the relation between, architectural design, structure, self-organization, lightweight structures, computation and fabrication.
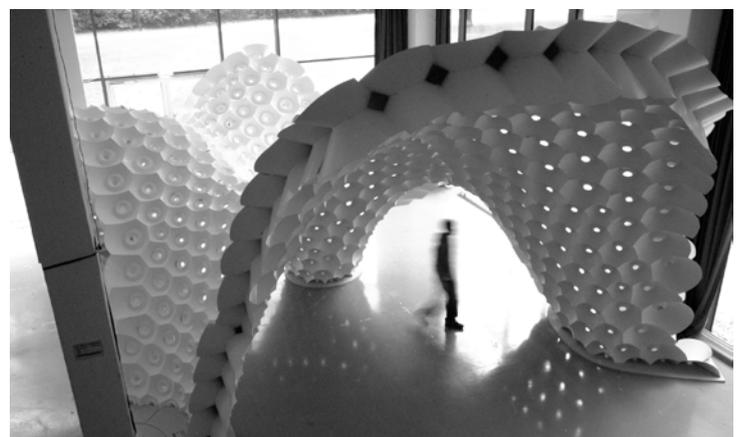


Check also:
- Structural Origami Exhibition @ Eng.2 Library (5th floor) 1/9--6/29 weekdays 9:30-17:30
- We have a party from 19:00.
  To attend, please fill in https://goo.gl/forms/u7hIa6Sa6QiWDtQ03 by Jan. 17th

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