

DES-INV 23
Professor Michael Shiloh

Andy Lomas

Adyah Rastogi

About Andy Lomas

- Computational Artist & Mathematician
- Based in London
 - Teaches Creative Computing at *Goldsmiths, University of London*
- Exhibitions
- Movie Visual Effects





Exhibitions & Movies

Exhibitions:

- Pompidou Centre
- SIGGRAPH
- Ars Electronica Festival
- Los Angeles Center for Digital Art
- Royal Academy of Arts
- & many more

Movies:

- Avatar
- Matrix: Revolutions
- Matrix: Reloaded
- Over the Hedge
- The Tale of Despereaux

Awards:

- Emmys:
 - The Odyssey (1997)
 - Alice in Wonderland (1999)
- The Lumen Prize Gold Award
 - 2014, Cellular Forms



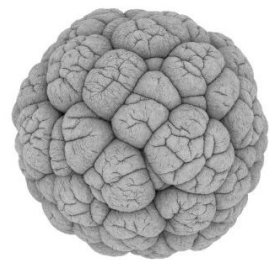
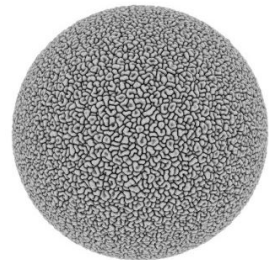
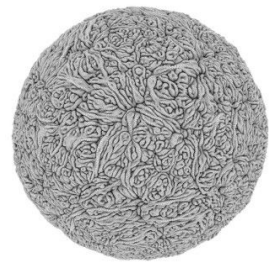
Andy Lomas' Cellular Forms— 2014 Lumens Prize Award

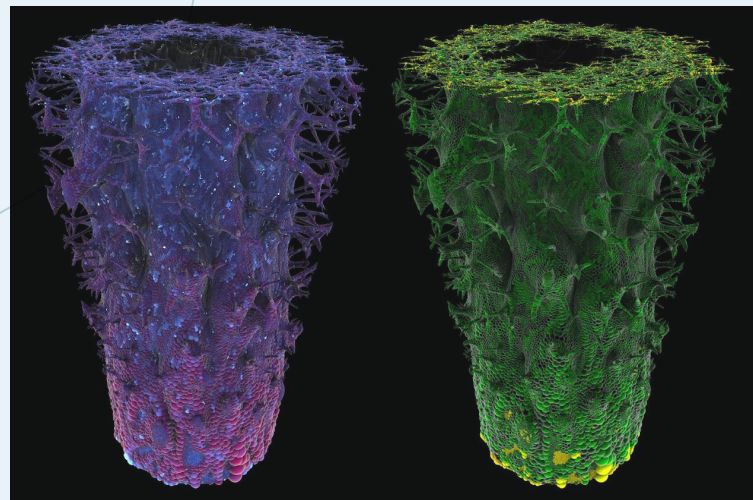
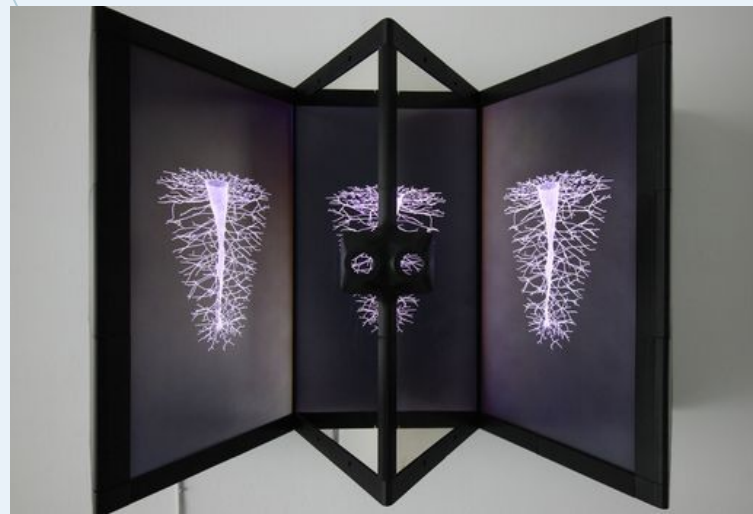
Artwork

- Generative Art
- Creates complex 3D models by simulating natural growth processes
 - Aggregation
- Deep Learning for aesthetic understanding

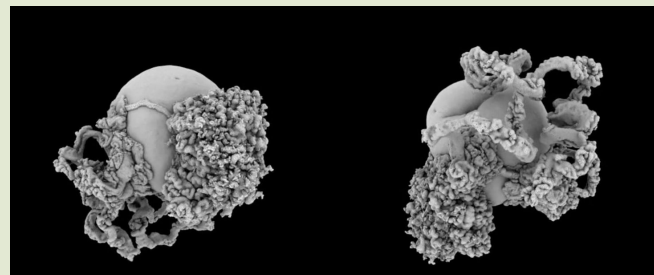
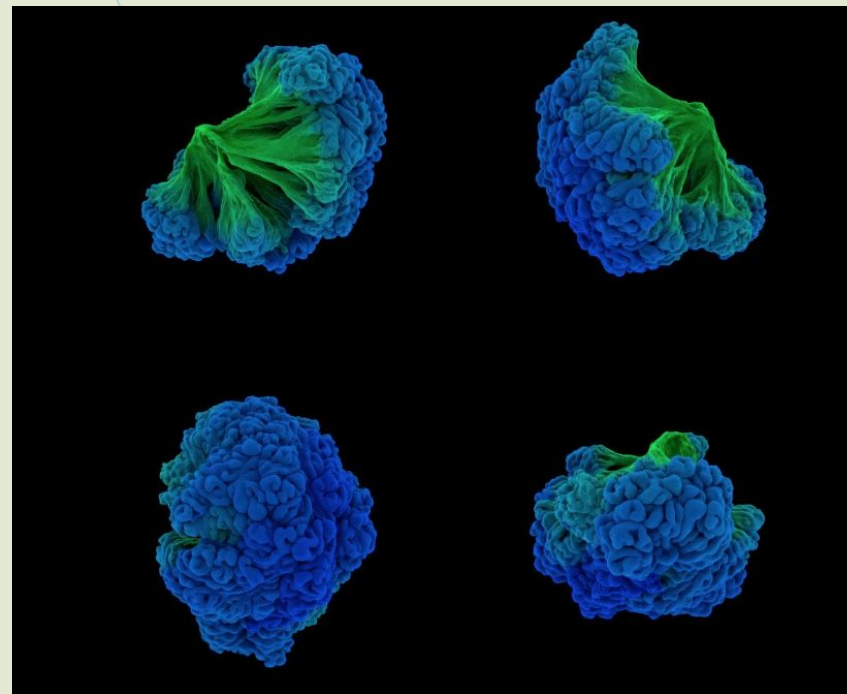
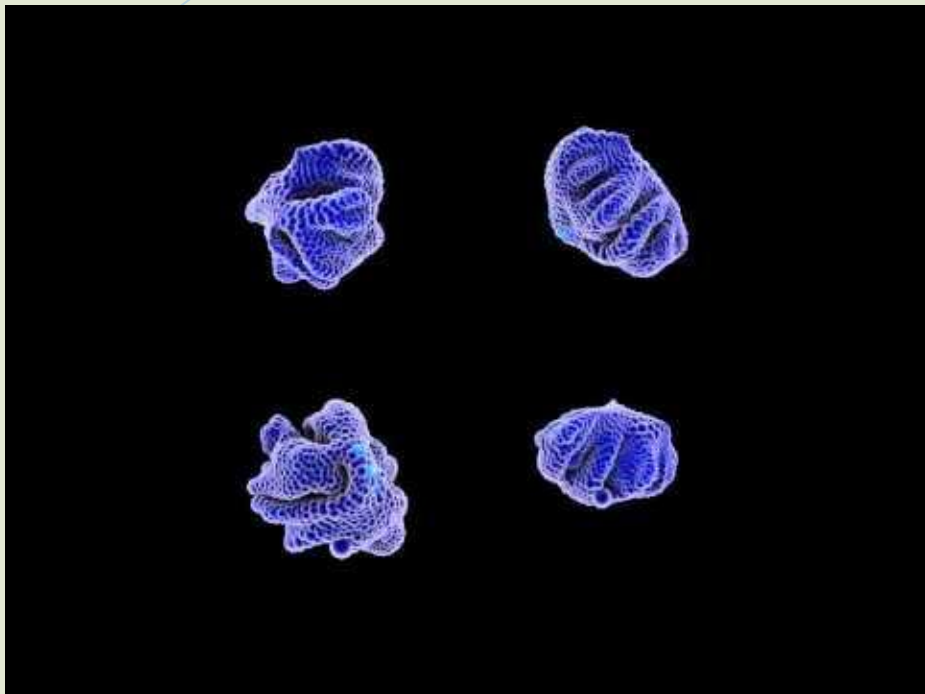
Projects:

- Vase Forms
- Mutant Vase Forms
- Hybrid Forms
- Plantlike Forms
- Cellular Forms
- Flow
- Growth by Aggregation

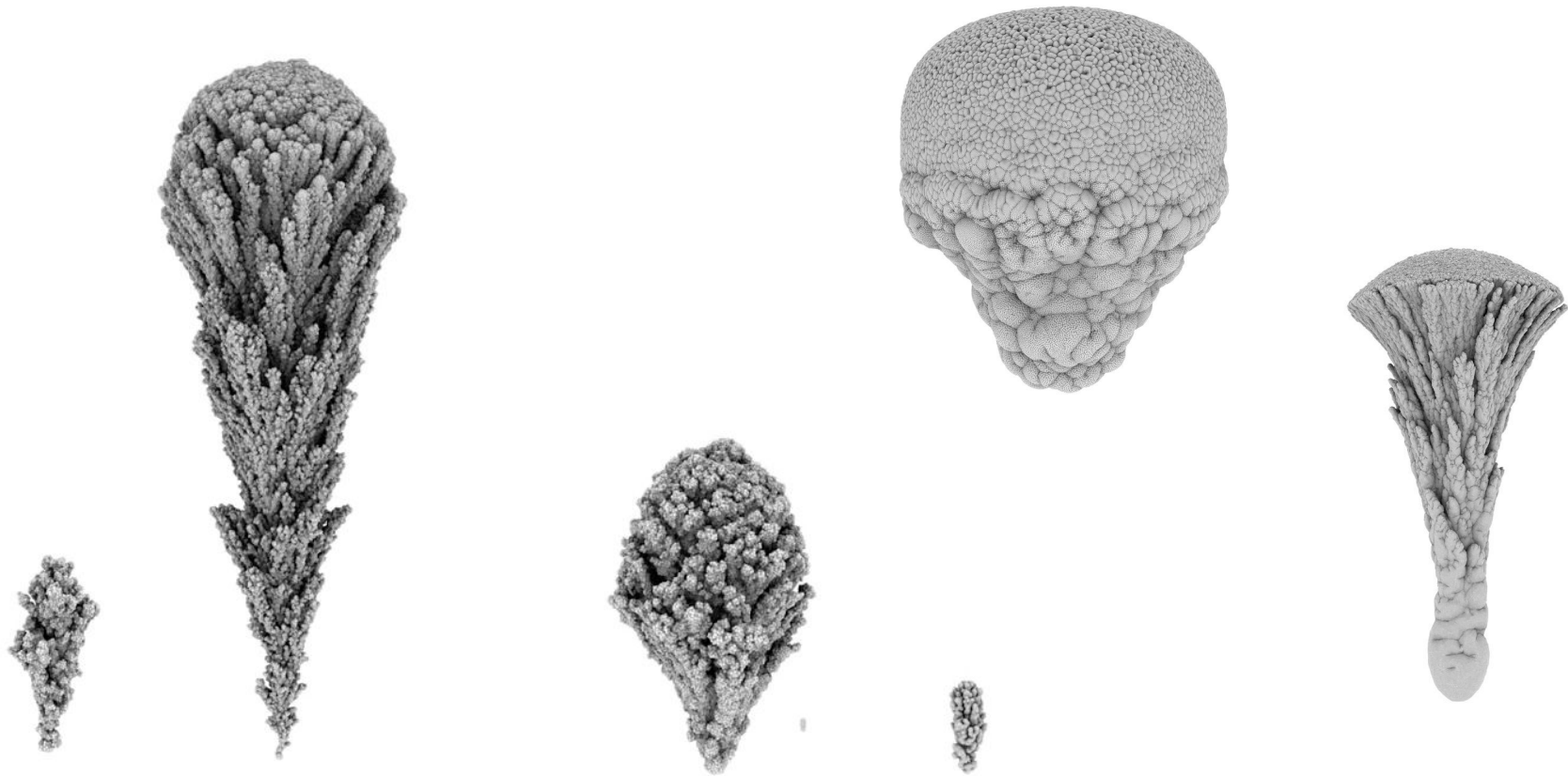




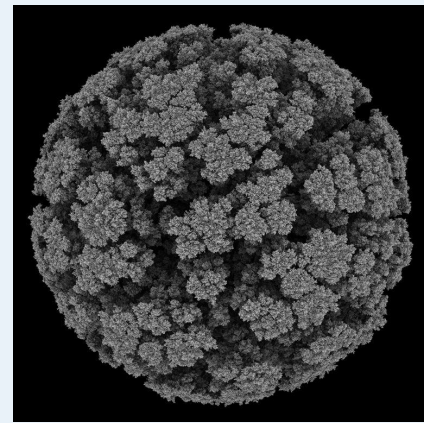
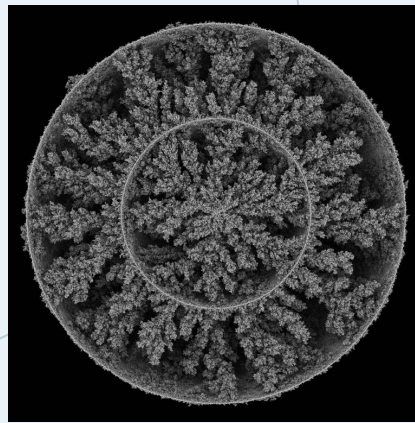
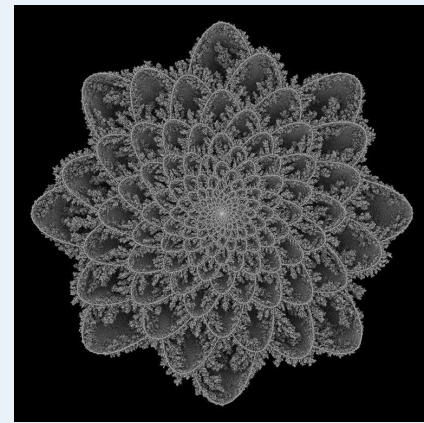
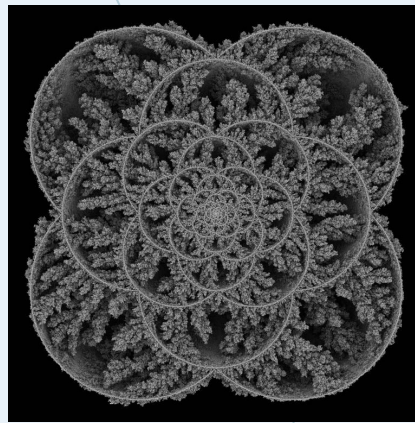
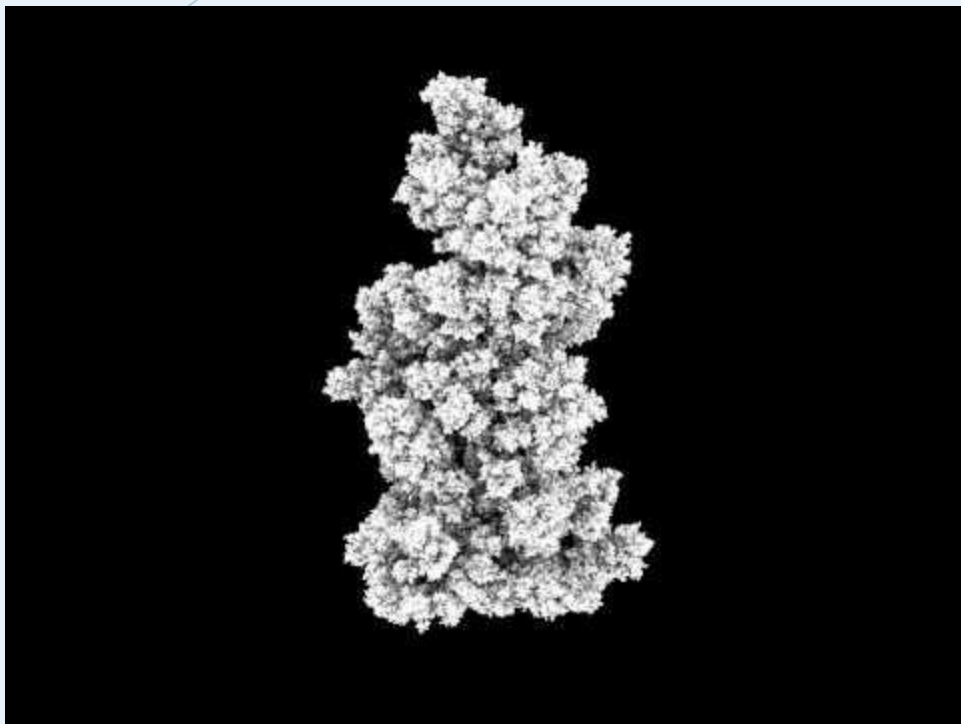
Vase Forms/Mutant Vase Forms



Hybrid Forms



Plantlike Forms



Growth by Aggregation

Reference

Andy Lomas' Website

