

PROVISORY PROGRAMME OF AAG2020 ON-LINE CONFERENCE

17th MARCH VERSION

TUESDAY 27th

12:30 - 13:00 : WELCOME

13:00 - 14:30 : KEYNOTES LECTURES in main room

1. Stacy Eisenberg & Tristan Israël

2. Pedro Reis

14:30 - 15:30 : **SOCIALISING TOUR**

Exhibitions, Sponsors Discussion rooms

WEDNESDAY 28th

09:00 - 09:30 **WELCOME** in Hall

09:30 - 10:30 PAPER SESSION I morning

Papers 1, 2 & 3 in room 1 Papers 4, 5 & 6 in room 2

SOCIALISING

11:00 - 12:00 PAPER SESSION II morning

Papers 7, 8 & 9 in room 1 Papers 10, 11 & 12 in room 2

SOCIALISING

13:00 - 14:30 KEYNOTES LECTURES in main room

3. Tomohiro Tachi

4. David Gerber

15:00 - 16:00 PAPER SESSION I afternoon

Papers 1, 2 & 3 in room 1 Papers 4, 5 & 6 in room 2

SOCIALISING

16:30 - 17:30 PAPER SESSION II afternoon

Papers 7, 8 & 9 in room 1 Papers 10, 11 & 12 in room 2

SOCIALISING

18:00 - 19:00 **LET'S TALK**

On the map, pavillions, round tables

from 12:00 to 16:00 **HELPDESK**, **GUIDED TOUR** of the **AAG2020** map



THURSDAY 29th

09:00 - 09:40 PAPER SESSION III morning

Papers 13 & 14 in room 1
Papers 15 & 16 in room 2

SOCIALISING

10:00 - 10:40 **Short PAPER SESSION IV morning**

Papers 21 to 24 in room 1 Papers 25 to 27 in room 2

SOCIALISING

11:00 - 11:40 PAPER SESSION V morning

Papers 17 & 18 in room 1
Papers 19 & 20 in room 2

13:00 - 14:30 **KEYNOTES LECTURES** in main room

5. Fabian Scheurer

6. Jenny Sabin

15:00 - 15:40 PAPER SESSION III afternoon

Papers 13 & 14 in room 1
Papers 15 & 16 in room 2

SOCIALISING

16:00 - 16:40 Short PAPER SESSION VI afternoon

Papers 21 to 24 in room 1 Papers 25 to 27 in room 2

SOCIALISING

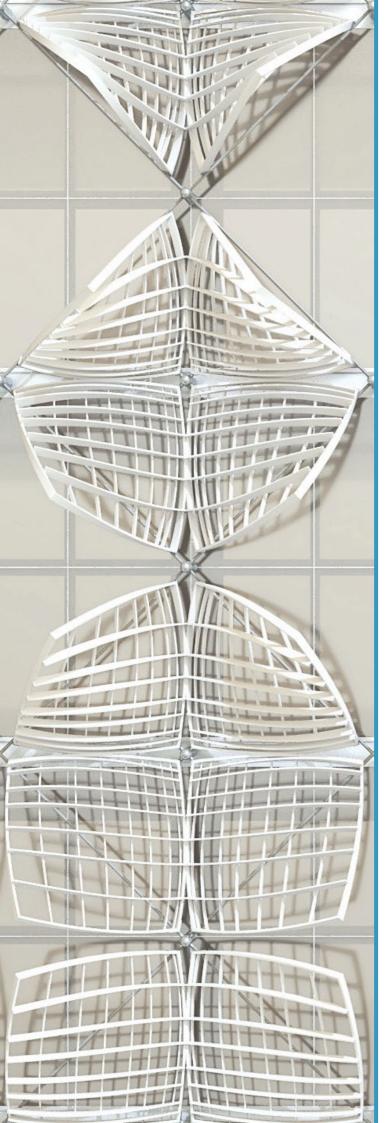
17:00 - 17:40 PAPER SESSION V afternoon

Papers 17 & 18 in room 1
Papers 19 & 20 in room 2

18:00 - 19:00 : KEYNOTES LECTURES in main room

7. Bernard Vaudeville

GOOD BYE



LIST OF PAPERS

- 01. Pellis, Architectural free-form surfaces designed for cost-effective panelling through mould re-use
- 02. Tellier, Form-Finding with Isotropic Linear Weingarten Surfaces
- 03. Jiang, Computational design and optimization of quad meshes based on diagonal meshes
- 04. Chiang, Discretised Airy Stress Functions and Body Forces
- 05. **Sehlstrom**, Tensioned principle curvature cable nets on minimal surfaces
- 06. Schikore, Kinetics and Design of Semi-Compliant Grid Mechanisms
- 07. Maleczek, Curved Crease Edge Rounding of Polyhedral Surfaces
- 08. Shimoda, Flat-Foldable Rigid Origami with Uniform-Thickness Panels
- 09. Koschitz, Curved-crease paper folding structures and their tectonics
- 10. Ayres, Meshing with Kagome Singularities
- 11. Bernhard, TopoGAN Topology Optimization with Generative Adversarial Networks
- 12. **Guerguis**, Biomimetic Generative Morphologies for 3D-Printing
- 13. Christie, Filigree Shell Slabs
- 14. Jourdan, Printing on Fabric Meta-Material for Self-Shaping Architectural Models
- 15. Duque-Estrada, Integrative Design Methods for Spatial Winding
- 16. Kladeftira, Redefining Polyhedral Space Through 3D Printing
- 17. Bruetting, Synthesis of Kit-of-parts Structures for Reuse
- 18. Parascho, LightVault
- 19. Isvoranu, The Canopy Pavilion
- 20. Becker, Space Shingles
- 21. Baker, Double-Curved Spin-Valence
- 22. Leduc, dForms with Constant Discrete Gaussian Curvature
- 23. Konstantatou, Structural morphology of polyhedral spatial trusses in static equilibrium via 4-polytopic stress functions
- 24. Ross, Using graph neural networks to approximate mechanical response on 3D lattice structures
- 25. Amtsberg, Structural Up-cycling: Matching Digital and Natural Geometry
- 26. **Shih**, Grammars of Interlocking SL Blocks
- 27. Vestarte, Corrugated Cardboard Shell