

# PROVISORY PROGRAMME OF AAG2020 ON-LINE CONFERENCE

17<sup>th</sup> MARCH VERSION

## TUESDAY 27<sup>th</sup>

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

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



## WEDNESDAY 28<sup>th</sup>

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

## THURSDAY 29<sup>th</sup>

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