



Gabriel Tang

Architect and Senior Lecturer in at Sheffield Hallam University. An architect by profession, he trained at the Bartlett, University College London, UK, and worked at Norman Foster and Partners, London. He is currently completing a PhD at Edinburgh University on the use of deployable gridshells as formwork for concrete shell construction. He is co-author of the book Timber Gridshells, architecture, structure and craft, released by Routledge in October, 2016.



Diederik Veenendaal

Structural designer, based in Rotterdam, currently completing a PhD in architecture at ETH Zurich in Switzerland. He studied at TU Delft, and worked at Witteveen+Bos. Diederik is an expert in the design, form finding and engineering of lightweight structures, having worked on large tensioned membrane roofs and thin concrete shells. He is coauthor of the book Shell Structures for Architecture - Formfinding and Optimization released by Routledge in 2014



Edyta Augustynowicz,

an architect, collaborating with Veenendaal, studied and worked at ETH Zurich in Switzerland. She worked at the renowned architectural office of Herzog & De Meuron and is an expert in parametric design and complex geometry. She had worked on large stadiums and thin stone masonry shells and was most recently project architect for the ground-breaking Armadillo stone vault at this year's Venice Biennale 2016.



Bernardino D'Amico,

Structural engineer and lecturer, from Edinburgh Napier University, is an expert in the form finding and construction of timber gridshells. He worked as an architectural engineer on various research-driven projects, such as in gridshell.it, where he was responsible for the structural design of a series of life-scale prototypes. Currently lecturing at Edinburgh Napier University, he has been involved in many design and construction of timber gridshells in Italy and abroad.















Diederik Veenendaal Structural designer, based in

Rotterdam, currently completing a PhD in architecture at ETH Zurich in Switzerland. He studied at TU Delft, and worked at Witteveen+Bos. Diederik is an expert in the design, form finding and engineering of lightweight structures, having worked on large tensioned membrane roofs and thin concrete shells. He is coauthor of the book Shell Structures for Architecture - Formfinding and Optimization released by Routledge





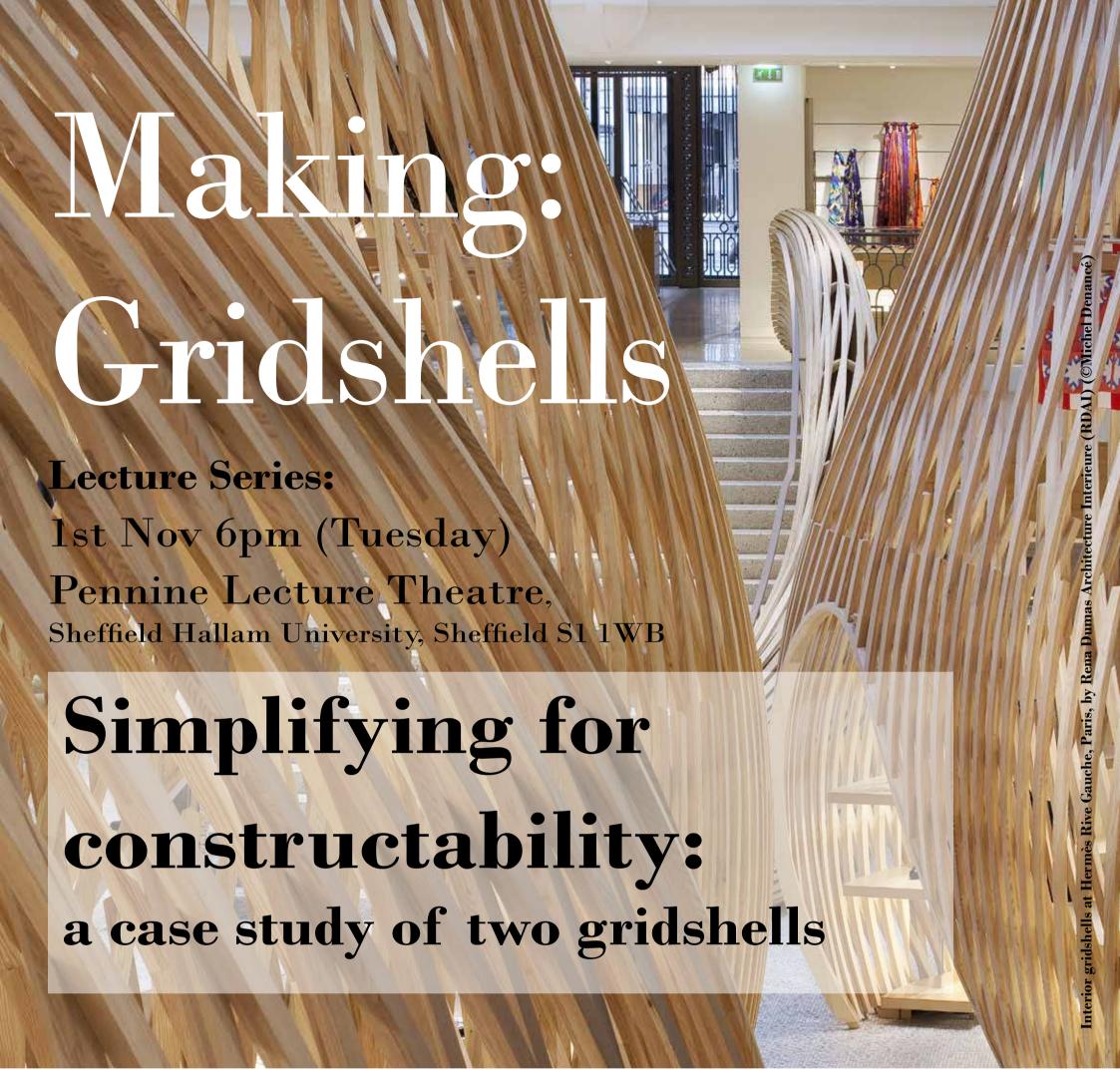






Edyta Augustynowicz, an architect, collaborating with Veenendaal, studied and worked at ETH Zurich in Switzerland. She worked at the renowned architectural office of Herzog & De Meuron and is an expert in parametric design and complex geometry. She had worked on large stadiums and thin stone masonry shells and was most recently project architect for the groundbreaking Armadillo stone vault at this year's Venice Biennale 2016. https://vimeo.com/167868985







Jack Bakker

Parametric Specialist and architectural designer at ZJA (Zwarts and Jansma) Architects in Amsterdam.

He works in the interface between structures and architecture and has written about parametricism, with an attention to constructability, through his extensive experience of working with curved surface structures.

http://www.zja.nl/

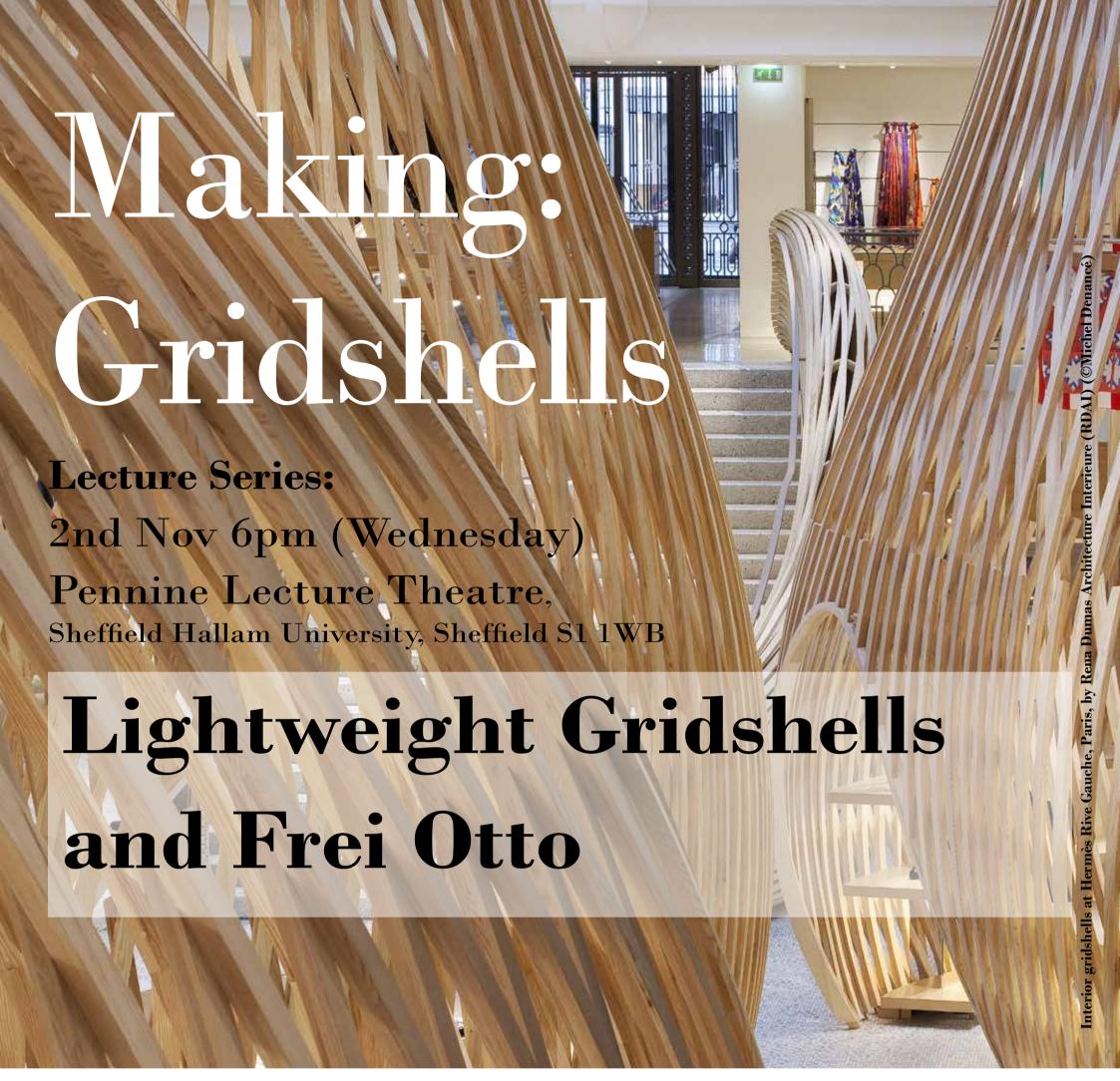


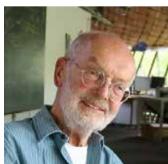












Jürgen Hennicke

Professor at Institute of Lightweight Structures, University of Stuttgart.

Since 1968, Professor Hennicke has been working with Frei Otto on the design of gridshells and other lightweight structures. Jürgen Hennicke studied civil and structural engineering with architecture, art history and mathematics at the universities of Karlsruhe, Heidelberg and Stuttgart. Graduated '68 as Dipl.Ing. Civ.Struct.Eng.

Jürgen Hennicke has been at the Institute for Lightweight Structures, University of Stuttgart since 1968: as collaborator and deputy with Prof. Frei Otto (emerited '91) and Prof. Werner Sobek (since '94): he is a collaborator and member of the Executive Committee for the German Federal Government Special Research Field #64 "Widespan Structures" ('70-'85) and # 230 "Natural Structures" ('84 to '95): member of the International Association for Shell and Spatial Structures (IASS): member of the Deutscher Werkbund (DWB)

His has teaching experience in the fields of architecture and building engineering at the University of Stuttgart, and was a guest professor at several universities in Germany and in Australia, Great Britain, Greece, Israel, Italy, Japan, Mexico, Switzerland, South Africa and USA.

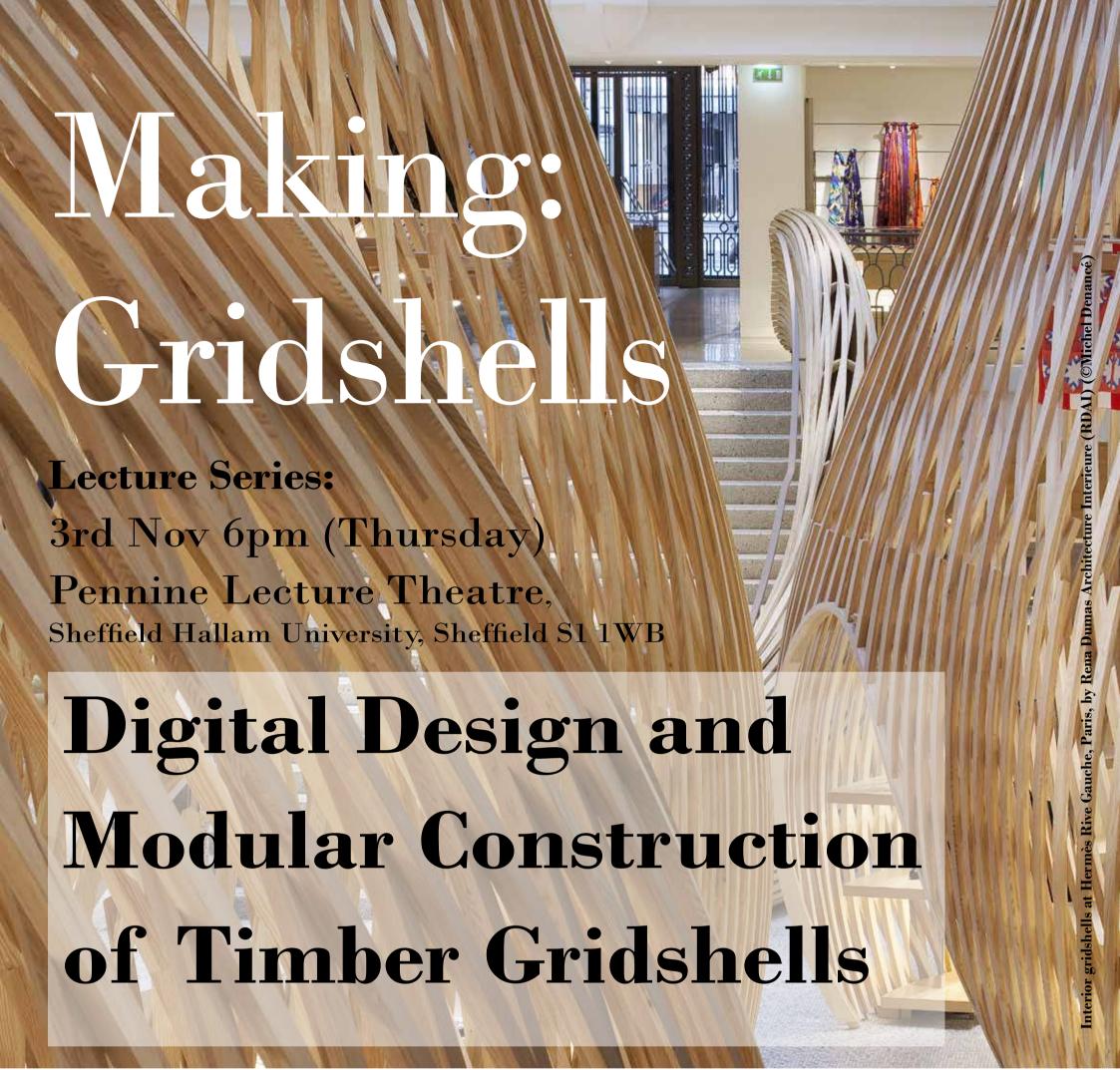








ILEK





Sergio Pone

Architect and Associate Professor at the University of Naples.

Sergio Pone is an architect heading the group **gridshell.it**. To date, they have built 13 gridshells, which they managed from conceptual design to construction. Their work overlaps with research, particularly by their experimentation in the areas of digital form-finding and construction. These timber gridshell structures have found themselves built at various locations in Italy and more recently in Melbourne, Australia, for purposes ranging from outdoor shelters for restaurants to smaller-scale outdoor courtyard shelters. The high level of student participation is feature of their research resulting in innovative structures that represents the synergetic collaboration between cutting-edge research and innovation teaching.















Sigrid Adriaenssens

a structural engineer and Associate Professor and at Princeton University, USA, she directs Form Finding Lab at Princeton University.

She completed her PhD at the University of Bath and is co-author of the book Shell Structures for Architecture, Form-finding and Optimisation released by Routledge 2014. She was the recipient of the prestigious Tsuboi Award awarded by IASS (International Association of Shells and Spatial Structures 2014.

www.formfindinglab.princeton.edu









