

press release

seele at IASS 2017 in Hamburg

Between September 25th and 28th, 2017 the annual IASS (International Association for Shell and Spatial Structures) symposium will take place in Hamburg, Germany. seele will be part of it and presents two lectures.

Gersthofen, 11, September 2017. This year's theme of the symposium will be "Interfaces: Architecture, Engineering, Science". One of seele's presentation is about "Design and Fabrication of light and spatial constructions". The lecture of Dr. Fabian Schmid is about the experimental developments for composite actuators with a focus on the advantages of the combined production processes. The characteristics of the one piece woven textile materials, extended with production processes used for glass metal composites, are discussed.

Furthermore se-austria GmbH, a company of the seele group of company, will also give a lecture together with Engelmann Peters. They will talk about the free-form gridshell of the Chadstone Shopping Centre in Melbourne. The 7.080sqm free-form gridshell with spans of up to 44m will be discussed with the view of structural engineers and will give an insight of the planning process, bearing concept, load-bearing behavior, calculation and construction. "The gridshell system shows an impressive way how efficient this construction concept is. It is a brilliant example of modern planning and construction processes", says speaker Christoph Bauchinger, technical project manager.

"The IASS symposium is the meeting place to get updated to the newest standards in lightweight construction. You can exchange with international leading technicians, engineers and scientists. The IASS offers high-quality lectures from complex constructions, gridshell structures until digital technologies", says Dr. Fabian Schmid, Engineer Research & Development.

The first IASS symposium in Germany took place in 1996 in Stuttgart. Since 1956 the IASS has provided professional exchange in the range of lightweight and structural systems like membrane or gridshell. The annual symposium is one of the professional highlights for designers and engineers. That is why seele will be part of it.

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seele group

The seele group of companies, with headquarters in Gersthofen near Munich, is one of the world's top addresses for the design and construction of façades and complex building envelopes made from glass, steel, aluminium, membranes and other high-tech materials. The technology leader in façade construction was founded in 1984 by master glazier Gerhard Seele and steelwork engineer Siegfried Gossner.

Based on a profound understanding of design and materials, seele provides everything necessary for ambitious one-off designs true to the original ideas of engineers and architects. The seele group offers its building sector and industrial customers a complete package of services, ranging from R&D, individual advice and joint conceptual design right up to the planning, detailed design and construction of their projects. seele's own production plants for technologically challenging designs and the group's own erection crews on site provide a guarantee of the very highest quality "made by seele".

About 1,000 employees work at the seele group's 12 locations around the world, together generating an annual turnover of more than €200 million.

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Visual material



Chadstone Shopping Centre in Melbourne with spans of up to 44m. ©seele



7.080sqm free-form gridshell. ©seele

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Composite system of glass and silicone-glued aluminium cassetts. ©seele/René Müller



Siliconing of canopy panes. ©seele/René Müller