

What's up? – International Symposium for Pioneering Casting Process

Muenster, May 3, 2018 **Complicated can also be made easy. Lost Foam is the innovative way to produce the most complex components more easily, cost-effectively and efficiently. The versatile process is booming, not only in Asia. From November 7 to 8, a top-class symposium on lost foam casting will take place at the Atlantic Hotel Universum in Bremen, with speakers from all over the world, a specific exchange of knowledge and the presentation of the Lost Foam Council Award 2018.**



What's up? – International Symposium in Bremen, November 07 and 08, 2018

The Lost Foam Symposium offers companies, design engineers and designers a practical insight into all areas of innovative technology and presents current developments. Lectures will cover possible applications, examples of components, materials, requirements and general conditions in various sales markets. All technical aspects of the process chain are presented in the casting laboratory of the Fraunhofer Institute for Manufacturing Technology and Applied Materials Research (IFAM) with real plant technology.

Top-class experts from the USA, Mexico, Thailand, China and Europe will give keynotes giving insights into their work

and presenting current trends. The program is rounded off by numerous opportunities for global network building and the presentation of the Lost Foam Council Award for the best implementation of a lost foam casting. „Lost Foam is currently experiencing a real boom in Asia, especially in China,“ explains Franz-Josef Woestmann, chairman of the symposium and



head of the department for foundry technology at the Fraunhofer Institute for Manufacturing Technology and Applied Materials Research, and he adds: „Also in India, Iran and Russia, the procedure is being applied more and more frequently. Now the course is being set for which country will supply the castings of the future“.

The Lost Foam Symposium is organized by the Lost Foam Council e.V., the Fraunhofer Institute (IFAM) and the Association of German Engineers e.V. (VDI). This event, unique in its versatility, brings together the most important drivers of the industry.

About the Lost Foam Casting Procedure:

The lost foam process (LFP) is a casting process for the production of predominantly particularly complex metal components which cannot be produced with other methods at all or only with great effort. First, the component is divided into individual undercut-free segments. These individual segments are then foamed in an expandable polymer and afterwards joined together to form a pattern which is then embedded in binderless molding sand. The pattern decomposes completely when the molten metal is poured in. This „losing“ of the foam pattern during casting gives the Lost Foam Process its name. The result is a true-to-detail, usable metal copy of the polymer foam pattern.

About the Lost Foam Council:

Worldwide, the Lost Foam Council e. V. promotes the scientific and technological development of the lost foam casting process (LFP) as a mediator between business, industry, research and politics. Its members currently include 14 companies and institutions which have integrated the process into their process chains for the production of prototypes, small series or large series, or which produce special materials and plant technology for the process. As a point of contact for all questions regarding the LFP, the Lost Foam Council regularly offers training and further education measures and arranges contacts to suitable LFP experts.

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