



Guest Lecture

As part of the course “Optimization Design Methods”

Thursday, May 31th, 2018, 10:10-11:00

Seminar Room (#117) of the Mechanical Engineering Building (#55)
at the Campus of the Ben-Gurion University of the Negev

Using modeFRONTIER® as a Design Framework Experience in Various Disciplines

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Abstract:

Nowadays Multidisciplinary Design Optimization (MDO) is considered a common practice for complex engineering design problems. These design cases are characterized with high number of design variables and non-trivial design space. It contains multiple contradicting cost functions (Multi-Goal design problems) and various constraints, which are product of various discipline simulations.

The lecture will give a broad perspective on ESTECO modeFRONTIER design framework in various disciplines and applications such as in Automotive, Systems Engineering, Electronics, and more.

Bio: Ing. Fabio Bernasconi joined the modeFRONTIER project in 2003 after ten years of previous experience in introducing emerging technologies in the market. He is now modeFRONTIER Key Account Manager at EnginSoft for part of the EU market and Israel.

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