



SEMINAR

APPLIED MATHEMATICS AND MECHANICS

FS944

6 November 2018

A DCAMM seminar No. 732 will be presented by

**CEO, co-founder nTopology
Bradley Rothenberg
New York, USA**

The title of the lecture is

New Data Structures for Engineering Software

Abstract:

Advanced manufacturing introduces new challenges to the traditional design, analyze, and manufacture process. Design, simulation, and manufacturing engineers need to maximize the fitness of parts using novel production process that offer unprecedented flexibility. With each additional material and process come new design rules and methodologies, so the successful deployment of advanced manufacturing requires the ability to automate proven workflows. nTopology's computational engineering environment combines CAD, CAE, and CAM to synthesize geometry and simulation results into tuneable computational models. New data structures for representing geometry decouple geometric complexity from the data model thus allowing for fast iteration

DATE:	Monday, 12 November 2018
TIME:	14:00 – 14:45 + questions
PLACE:	Auditorium 23, Building 341 DTU, Technical University of Denmark

All interested persons are invited.

Niels Leergaard Pedersen

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