



Lecture No. 93

Czech Society for Mechanics and Institute of Thermomechanics, CAS

invite you to an **online** research seminar

Design and analysis of membrane structures

given by

Dr. Rostislav Lang

Faculty of Civil Engineering, Brno University of Technology
and
FEM consulting, s.r.o.

The subject of the presentation are lightweight structures, composed mostly of membrane or cable parts. First, the special aspects during the design and analysis process will be introduced, which leads to the form finding and cutting patterns generation process, as well as to using the special wrinkling assumption in the analysis. Further, the methods for those processes will be presented and finally demonstrated by the calculation tool, developed during the doctoral research and implemented into the commercial software.

The lecture will be held on Monday, November 2, 2020 at 13:00

Online via ZOOM meeting

with link <https://us02web.zoom.us/j/87074867784>

Meeting ID 870 7486 7784