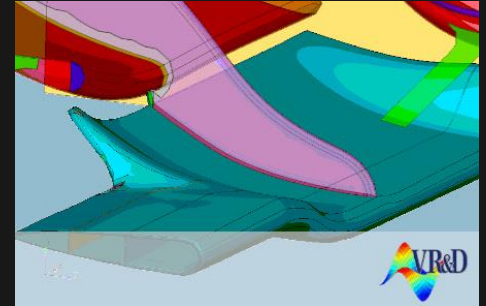


## VR&D

### Genesis / GSAM / VisualDOC

12 November 2020



### Agenda

Structural Optimization and Multidisciplinary Optimization Workshop	
09:00 - 10:00	<ul style="list-style-type: none"> <li>Structural Optimization: Introduction to Genesis/GSAM and Design Studio</li> <li>Getting familiar with the software - 1 Example</li> </ul>
10:00 - 10:15	<b>Morning Break</b>
10:15 - 12:00	<ul style="list-style-type: none"> <li>Topology Optimization - 1 Example</li> <li>Sizing Optimization - 1 Example</li> <li>Topometry Optimization - 1 Example</li> <li>Topography Optimization - 1 Example</li> </ul>
12:00 - 13:00	<b>Lunch Break</b>
13:00 - 14:30	<ul style="list-style-type: none"> <li>Multidisciplinary Optimization: Familiarizing with VisualDOC</li> <li>Gradient-based Optimization - 1 Example</li> <li>Design of Experiments - 1 Example</li> </ul>
14:30 - 14:45	<b>Afternoon Break</b>
14:45 - 16:30	<ul style="list-style-type: none"> <li>Response Surface Approximated Optimization - 1 Example</li> <li>Multi-Objective Optimization - 1 Example</li> </ul>

*Note: Order of topics and examples might change. According to needs of attendees, the VisualDOC example could use ANSYS and/or Moldex3D and/or excel.*