





<p align="center"><b>Peter the Great St. Petersburg Polytechnic University</b></p> 	<p align="center"><b>Leibniz University Hannover</b></p> 
<p align="center">Civil Engineering Institute</p>	<p align="center">Institute of Mechanics and Computational Mechanics</p>
<p align="center"><b>Prof. Dr. Nikolay Vatin</b> Head of Institute</p>	<p align="center"><b>Prof. Dr.-Ing. Udo Nackenhorst</b></p>
	
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#### **WHAT WE OFFER / PROJECT DESCRIPTION**

*We offer applied research in co-operation on both the basis of contract research and public funding within the following fields of technology:*

1. Cold-formed steel profiles: mechanical properties, thermal effectiveness, durability, fire resistance.
2. Precast-monolithic floors

#### **KEYWORDS**

Cold-formed steel, finite element analysis, buckling, durability, fire resistance, precast-monolithic floors.

#### **COLLABORATIONS SOUGHT**

Research & Development, Technical Co-operation, etc. The cooperation was finished in 2018.