





<p align="center"><b>Peter the Great St. Petersburg Polytechnic University</b></p> 	<p align="center"><b>Leibniz Universität Hannover</b></p> 
<p align="center">Institute of Energy and Transport Systems</p>	<p align="center">Institute of Turbomachinery and Fluid Dynamics</p>
<p align="center"><b>Prof. Nikolay A. Zabelin</b> Director of the Institute</p>	<p align="center"><b>Prof. Dr.-Ing. Jörg R. Seume</b> Head of Institute</p>
	
<p>Institute of Energy and Transport Systems Polytechnicheskaya, 29 195251 St.Petersburg, Russia Phone: +7 812-552 61 41 E-Mail: director@ipts.spbstu.ru</p>	<p>Institute of Turbomachinery and Fluid Dynamics Appelstraße 9 30167 Hannover, Germany Phone: +49 511 762 2733 E-Mail: seume@tfd.uni-hannover.de</p>

## **BRIEF DESCRIPTION OF THE UNIT / RESEARCH GROUP**

### **WHAT WE OFFER / PROJECT DESCRIPTION**

1. Trilateral Master's Degree Programme in collaboration with Peter the Great St. Petersburg Polytechnic (Russia) and the Lappeenranta University of Technology (Finland)
2. Joint organization of conference on high speed turbomachines and electrical drives
3. Research collaboration in the area of unsteady diffuser flow, thermodynamic measurements in turbomachines in the frame of PhD student exchange
4. Lecture Series of German Professors in St. Petersburg

### **KEYWORDS**

Turbomachinery, Trilateral Master's Degree, Conference, Diffuser, Thermodynamic Measurements

### **COLLABORATIONS SOUGHT**

Collaboration in turbomachinery related topics, such as axial turbines, axial and radial compressors, turbochargers, and fundamental research in Fluid Dynamics.