





<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">Fab Lab Polytech</p>	<p align="center">Centre for Applied Linguistics and Special Languages</p>
<p align="center"><b>Polina Dyatlova</b> Digital manufacturing</p>	<p align="center"><b>Christopher Tidy</b> English for mechanical engineering</p>
	
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**BRIEF DESCRIPTION OF THE UNIT / RESEARCH GROUP**

The Fab Lab Polytech is fabrication laboratory. It was created in 2012. The goal of Fab Lab is to provide students and elder pupils of secondary schools the opportunity to realize their technical and creative ideas, and also to maintain the innovation projects. The FSZ was founded in 1989 to provide language courses and services to students of all disciplines at the Leibniz University Hannover. From 2019 the project is coordinated at the Faculty of mechanical engineering of LUH.

**WHAT WE OFFER / PROJECT DESCRIPTION**

We collaborate on a collaborative design project in mechanical engineering where students develop a product together through English (e.g. water pump for developing country) by using team workshops in StP and H and working via video conferencing and collaborative design platforms (Smartboards) with the goal of lowering the communication threshold and experiencing work in international teams.

**KEYWORDS**

Second language acquisition, Video conferencing, Mechanical Engineering, Computer-Assisted language Learning.

**COLLABORATIONS SOUGHT**

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