

CORNET Call for Proposals: International Collective Research
--- Organisation profile ---

Organisation:	Chair for Piston Machines and Internal Combustion Engines (LKV), University of Rostock
Website address:	https://www.lkv.uni-rostock.de/
Organisation typology:	<input type="checkbox"/> SME Association <input checked="" type="checkbox"/> University <input type="checkbox"/> Research Centre <input type="checkbox"/> Other (please specify)
Sector:	<input type="checkbox"/> Materials <input checked="" type="checkbox"/> Process Engineering, Energy Technology and Environment <input type="checkbox"/> Business Management and Organisation <input type="checkbox"/> Construction and Production <input type="checkbox"/> Chemistry, Textile, Food, Health and Medical <input checked="" type="checkbox"/> Measurement and Information
Field of specialisation:	R&D of alternative fuels for marine and industry engines; analysis of fuel injection; combustion process development; exhaust after treatment investigation
Expertise offered:	<ul style="list-style-type: none"> - Engine research lab - Single Cylinder Research engines from 100 mm up to 340 mm bore - Fuels and lubricants research lab - Fuel farm for CNG, methanol, ammonia, biodiesel, OME, FAME, HVO, Diesel, HFO - Exhaust analysis equipment (FTIR, CLD, FID, ...) - Particle (mass, size, number) measurement equipment - Thermal simulation of thermal machines - 0/1D & 3D CFD simulation of combustion processes
Contact person:	Name: Karsten Schleef Organisation: Chair for Piston Machines and Internal Combustion Engines (LKV), University of Rostock E-mail: karsten.schleef@uni-rostock.de Tel: +49 381 – 498 9419