

<input type="checkbox"/>	<b><u>TURBOMACHINERY AND PROPULSION</u></b>	Nature*
<input type="checkbox"/>	Experimental validation of a high temperature (1100°C) cooled fast response pressure probe for HP turbine stage measurements.	E
<input type="checkbox"/>	Preliminary design of a high temperature cooled pneumatic and fast response directional pressure probe.	E
<input type="checkbox"/>	Development of a fast response static pressure probe.	N,E
<input type="checkbox"/>	Non-intrusive measurement technique for internal cooling passages.	E
<input type="checkbox"/>	Convective heat transfer and/or aerodynamic measurements in internal cooling channels.	E
<input type="checkbox"/>	Measurement of low Re flows in rotating channels.	E
<input type="checkbox"/>	Testing of high lift / high load turbine blade.	E
<input type="checkbox"/>	Effect of surface roughness on turbine blade performance at low RE number.	E
<input type="checkbox"/>	Investigation of the HP – LP interaction in a transonic 1.5 turbine stage.	E, N
<input type="checkbox"/>	Steady and unsteady pressure, temperature and heat transfer measurements in rotation.	E
<input type="checkbox"/>	Design and analysis of contra-rotating turbines.	N
<input type="checkbox"/>	Investigation of transition in supersonic flows.	E, T, N
<input type="checkbox"/>	Research on pulsating coolant flows in transonic turbines.	E
<input type="checkbox"/>	Analysis and optimization of turbine based and rocket based combined cycles.	T, N
<input type="checkbox"/>	Multipoint optimisation of radial impellers and low solidity diffusers.	N
<input type="checkbox"/>	Multi-objective optimisation of turbomachinery.	T, N
<input type="checkbox"/>	Optimisation of a 3D fan for automotive cooling.	N
<input type="checkbox"/>	Optimisation of a micro gas turbine cycle (steady and transients).	T
<input type="checkbox"/>	Aero-thermal effects in tip gap flows.	E
<input type="checkbox"/>	Steady and unsteady pressure measurements in an axial compressor stage.	E
<input type="checkbox"/>	Experimental study of the seal leakage flow in axial compressor stage.	E
<input type="checkbox"/>	Experimental investigation of clocking effects in an axial compressor stage.	E
<input type="checkbox"/>	3D NS computations of the flow field in an axial compressor including a parametric study of casing treatment.	N
<input type="checkbox"/>	3D Aerodynamic design of an axial compressor stage including lean, sweep and hub wall contouring.	N
<input type="checkbox"/>	Tip timing and tip clearance measurements in an axial compressor and turbine stage.	E

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 \* Nature of subject : E = Experimental  
                               N = Numerical  
                               T = Theoretica