



AVVISO DI SEMINARI

“Numerical Simulations & Experimental Investigations of the Boundary Layer Transition on Low-pressure Turbine Blades”

Four PhD students show their recent findings within a collaboration between
the Royal Institute of Technology (KTH), Stockholm
and the Polytechnic School, University of Genova
(within TRANSEP, Advanced ERC Grant)

- 09:30 Daniele Simoni DIME, Jan Pralits DICCA
Research activities on LPT aerodynamics: group, facility and instrumentations
- 10:00 Jacopo Verdoya DIME
Unsteady aerodynamics of LPT cascades: effects of the most influencing parameters on efficiency and flow evolution
- 11:00 Kristina Durovic KTH
Transition in boundary layer of a low pressure turbine blade for different turbulence intensity levels
- 10:30 Luca De Vincentiis KTH
Simulation of periodically impinging wakes on a low pressure turbine with Nek5000
- 11:30 Matteo Dellacasagrande DIME
Identification of coherent structures in transitional boundary layers with data-driven reduction techniques

Friday May 31st, 2019 – 9.30 - 12:00
Polytechnic School, University of Genoa
Lecture hall A13 (DICCA)