



National Cheng Kung University

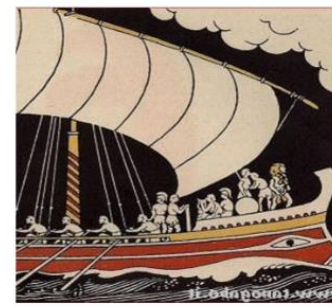
Department of
Aeronautics and Astronautics

ABSTRACT

The objective of this meeting is to establish a connection between the aerospace departments of Vanvitelli University and National Cheng Kung University (NCKU). Prof. Gaetano Currao, will present an overview of the Taiwanese aerospace department and its affiliated research center. The presentation will emphasize the research conducted in the department, covering topics such as:

- Combustion
 - o Plasma thrusters
 - o Photo-ignition
 - o Liquid propulsion
- Structure
 - o Fluid-structure interactions
 - o Carbon-fiber delamination
- Aerodynamics
 - o Transonic wind-tunnel testing
 - o Shock-tunnel simulation and testing
 - o Full gas-turbine simulations
 - o Biomimetics
- Control
 - o Satellites/CubeSats
 - o Drones/UAVs

This meeting aims to provide an opportunity to explore potential exchange programs and collaborations between the two institutions.



Seminario

Aerospace research in Taiwan - National Cheng Kung university

Martedì 25 Febbraio 2025 ore 14:30

Aula del Consiglio - Dipartimento di Ingegneria

Via Roma, 29
81031 Aversa (CE)

Introduce

GIUSEPPE PEZZELLA

Professore associato di Fluidodinamica
Università degli Studi della Campania "Luigi Vanvitelli"

Interviene

Prof. Dr. Gaetano CURRAO

Fluid Mechanics and Aerodynamics

Department of Aeronautics and Astronautics, NCKU

Per info

Università degli Studi
della Campania "Luigi Vanvitelli"
Dipartimento di Ingegneria

REAL CASA DELL'ANNUNZIATA

Via Roma, 29
81031 Aversa (CE)

T.: +39 081 5010290/436
F.: +39 081 5010283/290

dip.ingegneria@unicampania.it
dip.ingegneria@pec.unicampania.it
www.ingegneria.unicampania.it