
TWEET-IE

Proceedings from the Administration and Management Workshop

Athens, 9-10 November, 2023

Venue: National Technical University of Athens, Multimedia/Teleteaching Rooms

Central Library Building, Ground Floor Entrance, <https://goo.gl/maps/SGB4NMXXKBazxdh4z8>

Online : Thursday 9/11/23 <https://centralntua.webex.com/centralntua/j.php?MTID=mf34363c03cf94ea68e9f24e2bd00a387>

Friday 10/11/23 <https://centralntua.webex.com/centralntua/j.php?MTID=md2a4dae3bb65a1211de72bbe4ddeaeffb>

Participants:

NTUA : Demetri Bouris (DB), Vasilis Riziotis (VR), Marinos Manolesos (MM), Spyros Voutsinas (SV), Petros Chasapogiannis (PC), John Prospathopoulos (JP), Vasiliki Pappa (VP), Nikolaos-Petros Pallas (NP), Konstantinos Kellaris (KK), Maria Kotsiopoulou (MK), Konstantinos Vasilopoulos (KV), Eri Margioli (EM), Ioanna Tassi (IT), Maria Thanou (MT),

POLIMI: Sergio Ricci (SR), Alessandro Croce (AC),

KIT: Christof Gromke (CG),

TUM: Franz Muhle (FM),

TU Delft: Andrea Schiacchitano (AS), **BD:** Brian DSouza (BD), **GE:** Georg Eitelberg (GE),

University of Western Ontario: Gregory Kopp (GK)

Proceedings

Summary

The TWEET-IE project Administration and Management workshop was hosted by the coordinator, NTUA, in Athens on the 9th-10th September, 2023 with participants present from all members of the consortium. Members of the NTUA research committee were also present. On the first day, an introduction of the current state of NTUA WT human and material resources was presented and a tour of the facility followed. In the morning of the second day, an NTUA research committee representative presented the NTUA RC status and internal procedures while presentations followed regarding WT activities and management from consortium members as well as external experts with extensive experience in world class facilities (DNW – Netherlands and Germany, POLIMI – Italy, U. Western Ontario – Canada). Discussions and a round table followed.

Thursday November 9th, 2023

16:30 Deliverable 2.2: Assessment of human and material resources for NTUA WT facility – gender balance dimension

Prof. V. Riziotis presented the assessment of the NTUA wind tunnel human and material resources, as prepared under deliverable 2.2 of the project. The deliverable is classified as “sensitive” and so is not included in the Proceedings

17:00 **Tour of NTUA WT Facility**

A tour was made of the NTUA WT facility with discussions on size, age and capacity of the facility, on availability of support and maintenance and of technicians. Common ground was acknowledged and useful experience was exchanged.

Friday November 10th, 2023

09:00 Opening Address

09:15 Ms. Maria Thanou : [Presentation of NTUA Research Committee](#)

Ms. Maria Thanou presented the internal procedures of the NTUA Research Committee and overall NTUA performance

09:45 Prof. Georg Eitelberg (DNW, TU Delft) [“Lessons learned after 20 years of responsibility at DNW”](#)

Prof. Eitelberg presented activities and management procedures from decades of experience at the head of DNW.

10:30 Prof. Sergio Ricci (POLIMI) (**online**) [“Ten Years Of Aero-Servo-Elastic Tests At Large POLIMI’s Wind Tunnel”](#)

Prof. Ricci presented activities and management procedures from decades of experience at POLIMI

11:00 Coffee Break

11:30 Prof. Andrea Sciacchitano (TU Delft) ["Administration of wind tunnel facilities at TU Delft – Lessons learned in the last 10 years"](#)

Prof. Sciacchitano presented activities and focused on practical aspects of management of the TU Delft wind tunnels.

12:00 Dr. Franz Mühle (TUM) ["Management of a model building lab in support of a wind tunnel"](#)

Dr. Mühle presented the activities of the model building lab at TUM.

12:30 Lunch

14:00 Prof. Gregory Kopp (Western University , Canada) **(online)** ["Lessons learned from operating the large wind tunnels at University of Western Ontario"](#)

Prof. Kopp presented the activities and practical aspects of operating the large wind tunnels at the University of Western Ontario, Canada

14:30 Round Table Discussion

Laying the groundwork for the NTUA_WT sustainability plan: financing, time management, maintenance, long term business plan

Discussion followed with particular emphasis on :

- The volatility of funding
- Sources of funding
- Benefits of specialization and/or complementing other services (e.g. computational)
- Focusing on customer needs instead of facility's capacities
- Time management in terms of
 - Actual operation and preparation
 - Test section
 - Equipment use
 - Human resource (technician, faculty member, student)
- Importance of detailed and specific internal communication
- Specialisation and pooling of technicians within university
- Outsourcing vs internal development of services
- Investment in expanding familiarity and experience of young engineers in wind tunnel testing
- Difficulties of achieving a gender balance dimension in the engineering field.