

5th EUROPEAN MICRO GAS TURBINE FORUM

2025

15-16 October 2025. Tangla Hotel, Brussels, Belgium

DAY 1 Wednesday 15 October 2025	
8:30 – 16:00	IGTC-25 (separate registration)
Royal II	
15:00 – 16:30	Registration
16:30 – 17:00	Unpacking micro Gas Turbine (mGT) Technology , Ward de Paepe, UMONS
17:00 – 18:30	Technical Session: mGT in Advanced Energy Systems 1. “Experimental Activities on the AE-T100 mGT Operated with Natural Gas and Ammonia/Cracked-Ammonia Blends”, Chiara Anfosso, Università di Genova 2. “Performance testing of a topologically optimised recuperator of a 3kWe Micro Gas Turbine”, Hamidreza Gohari, University of Staffordshire 3. “Unlocking Energy Flexibility: MGT With Integrated Power-to-Heat-to-Power technology”, Martin Henke, DLR 4. “A Comparative Study on the Operational Optimization of Micro Gas Turbines for Desalination Plants Using Varying Model Complexities”, Ali Karimi, University of Stavanger 5. “Policy Framework in Shaping the Long-Term Market Penetration of Micro Gas Turbines” Kirti Sharma, City St George’s University of London
19:30 – 22:00	Welcome Dinner Tangla Hotel

DAY 2 Thursday 16 October 2025 Royal II + III	
08:00 – 08:30	Registration
08:30 – 08:45	Welcome , Giuseppe Tilocca, ETN Global / David Sánchez, Universidad de Sevilla
08:45 – 09:00	Challenges and Ways forward , Abdalnaser Sayma, Brunel University
09:00 – 09:20	Keynote session: Policy as a Key Enabler for Cogeneration and mGT Deployment Hans Korteweg, COGEN Europe
09:20 – 10:00	Problem Solving Session: Overcoming Barriers to mGT Deployment Interactive discussion on practical remedial actions.
10:00 – 10:30	Coffee Break – Exhibition
10:30 - 11: 30	Panel Session: Stakeholders’ Roles in the mGT Value Chain Exploring responsibilities and expectations across stakeholders. <i>Chair: Giuseppe Tilocca</i> • Mauro Moretto, Ansaldo Green Tech • Thiago Nascimento, ACTE • David Sánchez, Universidad de Sevilla

11:30 – 12:30	Short Talks: Innovative mGT Applications Discovering real-world, novel mGT applications and case studies. <i>Chair: Sean Fitzpatrick</i> “Micro Gas Turbines in digital transition: contribution to energy community management and sensing”, Alberto Traverso, Università di Genova “Retrofit of a 100 kW Micro Gas Turbine for the use of Hydrogen”, Martina Hohloch, DLR “Designing for Versatility: Multi-Purpose Micro Gas Turbines systems”, Domenico Galeazzi, NCM “Fit4Micro: Hybrid heating and cooling system running on sustainable liquid biofuels”, Danish Rehman, MITIS “RESTORE Project: Hybrid MGT–SOFC System for Eliminating Gas Flaring and Enabling CO₂ Capture”, Maria Clara de Jesus Vieira, University of Mons “Combustion Crossover - Designing a Modular Combustion System and Applying Across the Power Range”, Paul Young, Crosstown H2R
12:30 – 13:30	Lunch Break
13:30 – 14:30	Panel Session: Market-Ready Solutions <i>Chair: Hans Korteweg</i> “H₂-Ready Micro Gas Turbines for Market Deployment: Aurelia’s Roadmap & Progress”, Tony Hynes, Aurelia Turbines “Microgrid solutions: integration with RES and energy storage, and the revamp of cogeneration”, Sean Fitzpatrick, Pure World Energy “Eco-Efficient Recycling: Circular Energy and Aurélia Turbines’ Synergistic Solution”, Adam Bilek, Circular Energy
14:30 – 14:50	Open forum: Injecting New Ideas to Create Value An open floor for fresh insights, proposals and possible collaborations.
14:50 – 15:00	Closing remarks

Accommodation	Venue	Contacts
Recommended Hotels: - Tangla Hotel Brussels - Roxi Residence Brussels	 Tangla Hotel Brussel Avenue Emmanuel Mounier 5 , Woluwé St Lambert, 1200 Brussel, Belgium	Giuseppe Tilocca Technical Lead gt@etn.global T: +34 603 01 90 52 Antonio Escamilla Client Rel. Manager aep@etn.global T: +34 618 438 805

ORGANISING COMMITTEE

- Chair: Dr Giuseppe Tilocca, ETN Global
- Co-chair: Prof Abdulnaser Sayma, Brunel University
- Co-chair: Prof David Sanchez, Universidad de Sevilla
- Co-chair: Dr Antonio Escamilla Perejón, ETN Global



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