

Second Italian Workshop on Ammonia Energy

Bari, 5-6 June, 2024

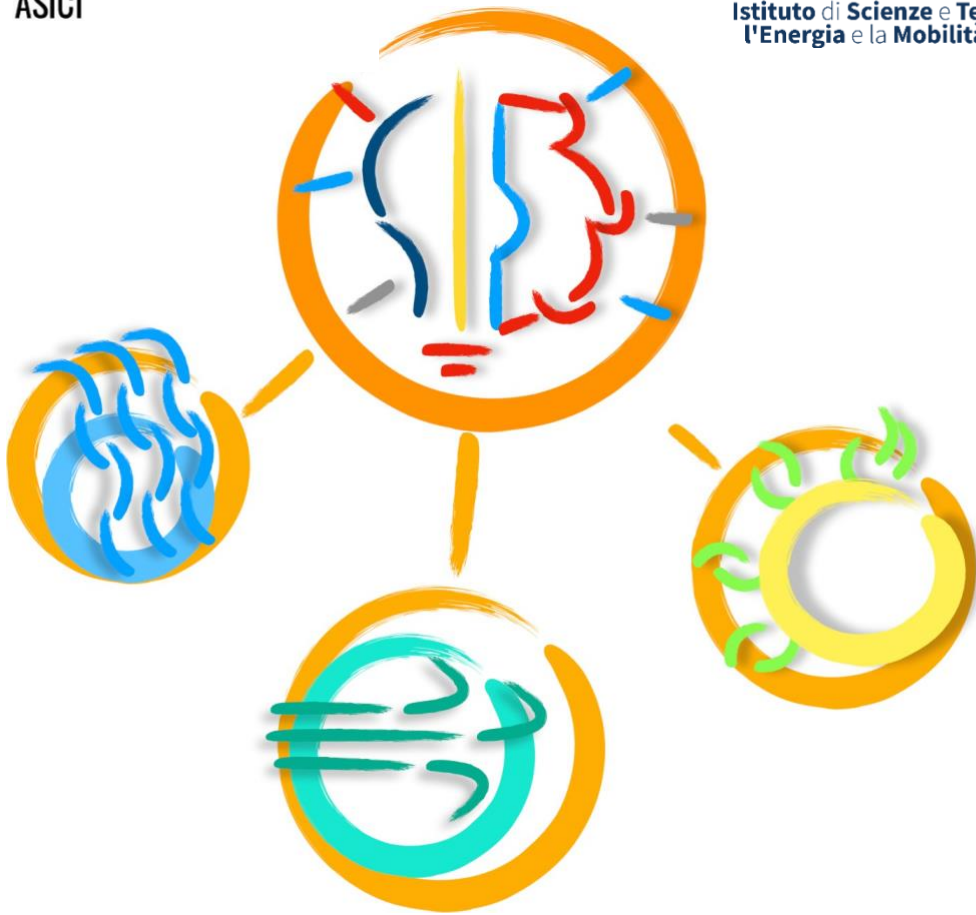
Politecnico di Bari, Campus Universitario "Ernesto Quagliariello"

<https://www.ammoniaenergy.it>



Associazione Sezione Italiana
del Combustion Institute
ASICI

Consiglio Nazionale delle Ricerche
STEMS
Istituto di Scienze e Tecnologie per
l'Energia e la Mobilità Sostenibili



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Second Italian Workshop on Ammonia Energy



5-6 June, 2024

Politecnico di Bari , Campus Universitario “Ernesto Quagliariello”

Ammonia Energy is emerging as a key topic towards the decarbonization of power, heat and transportation sectors. However, “ammonia economy” still presents many open issues, spanning from ammonia synthesis to utilization, before its deployment at different scales.

In this context this event provides a unique opportunity where academics, SMEs and Industrial companies can profitably discuss the future of ammonia energy. The forum represents a tangible opportunity to share actors’ needs and expertise, towards the definition of common strategies to develop the role of Ammonia as a key player in the future of green fuels.

Workshop participants will have the opportunity to proactively analyze ammonia energy peculiarities and define possible concrete roadmaps through their participation in round-table discussions and with their own contributions for oral presentations.

The event will be a two-day Workshop that starts on June 5th after lunch (around 14:30). It will continue the following morning and finish at lunch-time on June 6th.

Organizing and Scientific Committee:

Dr. Mara de Joannon (Chair), CNR-STEMS

Dr. Giovanni Cinti, Università degli Studi di Perugia

Prof. Sergio Camporeale, Politecnico di Bari

Dr. Giancarlo Sorrentino, CNR-STEMS / ASICI

Dr. Davide Laera, Politecnico di Bari

Prof. Antonio Andreini, Università di Firenze

Prof. Umberto Desideri, Università di Pisa

Dr. Cinzia Tornatore, CNR-STEMS

Prof. Marco Torresi, Politecnico di Bari

Dr. Mario Commodo, CNR-STEMS / ASICI

Dr. Pino Sabia, CNR-STEMS

Prof. Domenico Borello, Università La Sapienza di Roma

Dr. Michele Stefanizzi, Politecnico di Bari

Registration details:

Participation to the event is free. Please fill the following form to attend the event:

<https://forms.office.com/e/yCS0R9TYrc>

Tentative program

June 5th

14.30 - 14.45 Welcome from Politecnico di Bari, ASICI, NEST Foundation

14.45 - 15.00 Introduction

15.00 - 16.30 Round Table:

Perspectives and challenges for green ammonia energy chain

[Antoine Parrella Aliberti](#) – [Groupe Curie](#)

[Joey Dobree](#) - [Nextchem](#)

[Sara Evangelisti](#) - [Gas and Heat](#)

[Sergio Prete](#) – [Port of Taranto](#)

[Christian Romano](#) - [Baker Hughes](#)

16.30 - 16.45 Coffee Break

16.45 – 17.45 First Scientific session

17.45 – 18.45 Second Scientific session

June 6th

9.30 - 10.30 Keynote lecture:

Ammonia combustion for gas turbine power applications

[Mario Ditaranto](#) - [SINTEF](#)

10.30 - 11.30 Third Scientific session

11.30 - 11.45 Coffee Break

11.45 – 12.45 Fourth Scientific session

12.45 – 13.00 Overview of CCA infrastructures: Alessandro Saponaro

13.00 – 13.15 Concluding Remarks

Light Lunch

In the afternoon a visit is organized to the Centro Combustione e Ambiente (CCA), centro di ricerca sperimentale sulla combustione in Gioia del Colle <https://www.ccaspa.it/>.