

02-04 APRIL 2025

ACCELERATING THE ENERGY TRANSITION

4th MOMENTOM INTERNATIONAL CONGRESS

MOMENTOM

+ **MOlecules
and Materials
for the ENergy
of TOMorrow**



**UNIVERSITÉ PARIS-SACLAY
BUILDING HENRI MOISSAN
17, AVENUE DES SCIENCES
91400 ORSAY - FRANCE**

université
PARIS-SACLAY

INSTITUT DE
L'ÉNERGIE
SOUTENABLE

université
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ENSTA
IP PARIS

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CNRS

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INFORMATION & REGISTRATION
<https://momentom2025.sciencesconf.org>

Free registration

FOREWORD

Dear attendees,

On behalf of the Organization committee of the 4th MOMENTOM International Congress: Acelerating the Energy Transition, we are glad to welcome you on the campus of Université Paris-Saclay. This congress has been organized on the initiative of the Institute for Sustainable Energy of Université Paris-Saclay. The Institute for Sustainable Energy (IES) is an interdisciplinary program of Université Paris-Saclay. It brings together research teams from more than 40 laboratories representing about 500 researchers and lecturers.

The aim of this Congress is to share knowledge and the most recent scientific advances, from fundamental to applied research, towards the energy transition. In addition, Human and Social Sciences, in relationship with the society apprehension in our changing world, will be one of the topics of this congress.

Our thanks go to worldwide renowned scientists who accepted to participate to this congress as well as all the contributors and attendees.

We are thankful for the support of the University Paris-Saclay, ENSTA and Université Paris-Sciences & Lettres, and particularly indebted to the institutional supports of this Congress.

We wish you all fruitful scientific discussions to tackle the challenges of the Energy of tomorrow.

Patrick Schembri, Magali Gauthier, Loïc Assaud, Hynd Remita, Johnny Deschamps, Emmanuelle Deleporte, Marc Petit, Clément Falaise, Guilhem Dezanneau

The organizing committee

PRACTICAL INFORMATION

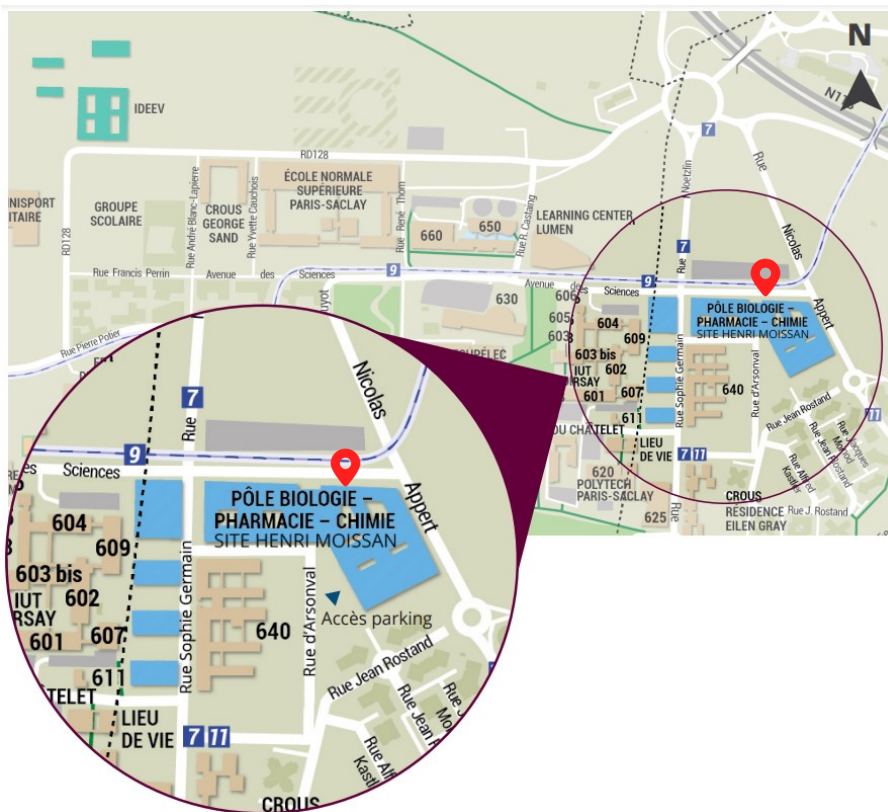
The Congress will take place at Université Paris-Saclay in the Henri Moissan HM2 building.

The Congress will be held in **Amphitheater O. Kahn**, in **Amphitheater H. Daniel** and **HM2 room 2000 (2nd floor)**.

The coffee breaks, lunches and the cocktail on the 2nd of April will be held in the **Hall**.

The different congress rooms will be clearly indicated.

Address: Henri Moissan Building HM2, avenue des Sciences, 91400 ORSAY, France.



HOW TO GET TO THE CONGRESS

By train

International and national trains: Railway station MASSY TGV, then take the RER (see below).

By public transportation

Get to RER B / RER C Station Massy-Palaiseau, take:

- bus 91-06 | Frequency : 6 min peak-hours & 30 min off-peak-hours, 20 min ride, stop "Université Paris-Saclay", or
- bus 91-10 | Frequency : 30 min peak-hours & 1h off-peak-hours, 20 min ride stop "Université Paris-Saclay"

Get to RER B Station Orsay-Ville, take:

- bus 91-06 | Frequency : 6 min peak-hours & 30 min off-peak-hours, 5 min ride, stop "Université Paris-Saclay", or
- bus 9 | Frequency : 4 min peak-hours & 30 min off-peak-hours, 5 min ride stop "Université Paris-Saclay", or
- bus 91-08 | Frequency : 10 min peak-hours & 1h off-peak-hours

Get to RER B Station Orsay-Ville, take:

- bus 7 | Frequency : 8 min peak-hours & 20 min off-peak-hours, 7 min ride, stop "Université Paris-Saclay"

By plane

Orly airport, take :

- OrlyVal | Frequency 5 to 7 min, 6 min ride, stop RER B station « Antony » (see above "Access by public transportation"), or
- bus 91-10 | Frequency : 30 min peak-hours & 1h off-peak-hours, 1h10 min trip, Stop "Université Paris-Saclay"

Roissy-Charles de Gaulle airport, take :

RER B (see above "Access by public transportation")

EVENTS OF THE CONGRESS

INNOVATION SESSION

The second afternoon of the congress will be dedicated to Innovation. During this afternoon, startups pitches and a round table will take place around the idea of Innovation and Entrepreneurship.

POSTER AWARDS

Two Poster sessions are organized during the congress. They will take place on the 2nd and the 3rd of April, in the Hall. At the end of the congress, six Poster Awards will be granted to the best students contributions.

ART & SCIENCE

Clémence Besse, perfumer, and Jenifer Peron, Professor at Université Paris-Cité, will be presenting a work of art and science on hydrogen in the Hall. The work is entitled 'The Perfume of Hydrogen' and offers an olfactory journey to discover the production of hydrogen by water electrolysis.

THE GALA DINNER

The gala dinner will take place on the 3rd of April at the Train Bleu, in Paris. Places are limited. Attendance is free and upon registration.

Le Train Bleu is a gastronomic restaurant at the Gare de Lyon, and one of the most famous in Paris. Built in 1900 for the Universal Exhibition, the Buffet de la Gare becomes Le Train Bleu in 1963. Its rooms still have the original features of La Belle Epoque, and some of them are classified as Monument historique.



SUSTAINABILITY ENGAGEMENTS

The engagements towards sustainability are of very high interest at the Université Paris-Saclay. They are detailed in the Charte Développement Soutenable, endorsed on the 6th of July 2021.

The mission of the Institute for Sustainable Energy (IES) is to connect academics working on sustainable ways to produce, store, convert, distribute and use energy, and to support industrials, start-ups, and territorial stakeholders towards the energy transition. In that regard, it is strongly committed to support the sustainability engagements of the Université Paris-Saclay.

GOODIES

It has been decided to considerably diminish the number of goodies and communication supports given at the congress. You can download the abstract book and all informations on the congress website.

CARBON FOOTPRINT

As a matter of fact, travel is the most environmentally costly when organizing a conference, especially when participants are travelling by plane. Nevertheless, the IES acknowledges that some trips can only be done by airplane.

Several carbon mitigation programs exist. Please consider to mitigate your carbon footprint by giving to one of these programs. The IES is aware of the multiple flaws of carbon mitigation but it is considered as well that, when airplane travel is the only solution, mitigating the carbon footprint by giving to such programs is acceptable.

COMMITTEES

SCIENTIFIC COMMITTEE

Luisa Andrade

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Mines-Paris, France

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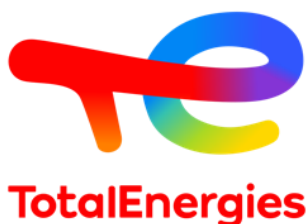
Hynd Remita

CNRS, Université Paris-Saclay

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