

**HYLON DAYS TOULOUSE**  
**28<sup>th</sup> and 29<sup>th</sup> April 2026**  
**Institut de Mécanique**  
**des Fluides de Toulouse**



***VALIDATION OF CFD CODES FOR HYDROGEN-AIR FLAMES:  
THE HYLON DATA BASE***

From April 28th to 29th 2026, in Toulouse, IMFT and KAUST are organizing a two-day both face-to-face and virtual meeting on hydrogen combustion. More specifically on the HYLON burner developed within the TNF workshop since 2024 (see archive of HYLON Phase 1 here: [tnfworkshop.org/hylon-hydrogen-air-flames-in-a-dual-swirl-coaxial-injector-imft-toulouse/](http://tnfworkshop.org/hylon-hydrogen-air-flames-in-a-dual-swirl-coaxial-injector-imft-toulouse/) and ongoing work on HYLON Phase 2 here: [tnfworkshop.org/hylon2/](http://tnfworkshop.org/hylon2/)).

The meeting is open and free, we invite you to participate either by joining us at IMFT or on line.

During this meeting:

- The groups which computed HYLON PHASE 2 will be able to present their results in a free format.
- Specific discussions on modeling for hydrogen flames will be organized.
- IMFT will present future research directions including high pressure experiments and fuel blends.
- For those present at IMFT, you will also be able to see the various versions of the HYLON experiment and see (and hear) it in operation

We are currently preparing the program and the practical organization of the meeting. If you want to participate, please send us a mail answering the three questions below :

YES/NO I will participate to the 28/29 April meeting and come to IMFT Toulouse

YES/NO I will participate to the 28/29 April meeting remotely

YES/NO I want to present results obtained in my group for HYLON PHASE 2

Looking forward to seeing you in Toulouse or online.

The HYLON team: [thomas.calvy@imft.fr](mailto:thomas.calvy@imft.fr), [poinsot@cerfacs.fr](mailto:poinsot@cerfacs.fr)