

Higgs Pairs 2021

CIEMAT – Madrid

Expression of Interest

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on behalf of the CIEMAT – Particle Physics Unit LOC



Ciemat

Centro de Investigaciones
Energéticas, Medioambientales
y Tecnológicas



<http://cfp.ciemat.es/>

<http://www.ciemat.es>

Proposal

- CIEMAT-Madrid through the CIEMAT-FP Particle Physics Group wishes to apply as candidate host institute for Higgs Pairs 2021
- **CIEMAT** is a Spanish National Research Institution (*Center for Energy, Technology and Environmental Research*) created in 1951. More than 1300 people work in its **Madrid headquarters** and several regional centers in other Spanish regions.
- The **CIEMAT- Particle Physics group** has a long standing tradition in participation in high energy physics experiment and has participated in the CMS experiment from its conception. The CIEMAT-CMS group has a leading contribution in several fronts of **CMS** subsystems and physics analysis, including in particular Higgs physics.
- Our group has a **strong logistics support from the central CIEMAT services** and an **extensive experience** in organizing scientific events. Some examples:
 - 7th HL-LHC Collaboration meeting
 - LHC Spanish Network meeting 2018
 - Double Chooz Collaboration meeting 2018
 - SM@LHC 2014
 - CALICE Week 2014
- **DISCLAIMER**
 - *Activity at CIEMAT hasn't yet resumed at normal speed after **COVID-19** lockdown. All meetings / conferences / open events at CIEMAT up to now have been cancelled.*
 - *It is difficult to make **predictions** for next year. As of now, the PR service allows a maximum occupancy of venues **up to 50%** of its nominal capacity. Some assumptions about service can be made, but they cannot be assumed as final / official.*

CIEMAT main campus is in the University district in Madrid (north).

The auditorium in the main building hosts **180 seated participants** (90 max with social distancing measurements)

Network & conference facilities provided.
Other ancillary rooms can be booked.



- Catering services on site
 - Coffee breaks can be served in a **dedicated private cafeteria** in the same building
 - Meals can be served in a **dedicated dining room** for a maximum of 100 participants.
 - If the attendance is over 100, meals will be served in the **self-service canteen**

SOCIAL AGENDA

- **Workshop dinner**
 - Over 6000 restaurants in Madrid
 - Local or signature cuisine. Different choices
- **Excursion**
 - **Half day options**
 - Guided tour around Madrid
 - El Escorial
 - Aranjuez
 - **Full day options**
 - Toledo
 - Segovia
 - Ávila
- **Combined option: (dinner + excursion):**
 - **Tapas tour (3 h culinary tour around Madrid)**

Travel information

Hotels

- For the conference, different options will be **pre-booked** via our travel agent on an affordable price range (from 70 to 200 EUR)
- In case participants decide to book on their own, there are many options. Madrid is the 6th European city by number of accommodation slots. Over 870 establishments with more than 71k beds

Some price examples for large 3 /4 star hotels.

HOTEL	2xR (€)	1xR (€)
HOTEL ACTA MADFOR	75	
NUEVO BOSTON	106	
WEARE CHAMARTÍN	165	155
RAFAEL ATOCHA	215	200
ESPAHOTEL PZ ESPAÑA	75	
MELIÁ CASTILLA	205	190
RIU PLAZA ESPAÑA	280	
PARADOR ALCALÁ	173	143

Communications

- Madrid – Barajas Airport is the [5th largest airport in Europe](#). It has direct connections to most European capitals (4 frequencies/day to Geneva, 9/day to Paris, 12/day London...). The airport is very close to the city center and conveniently **connected** via public transportation (metro / train / bus) or taxi.
- Local transportation is fast and efficient (9th largest metro network in the world, 2nd in the EU, plus an efficient bus and local train network).
- **CIEMAT is located at walking distance from metro and bus network stops.**

Local Organization Committee

- Juan Alcaraz Maestre
- María Cepeda Hermida
- Silvia Goy López
- Isabel Josa Mutuberría
- Jesús Puerta Pelayo

+ Local support (CIEMAT PR Unit + others)

Estimated fee

- We estimate an approximate fee of **175 – 190 EUR** covering:
 - *5 meals at CIEMAT*
 - *2 coffee breaks / day*
 - *Welcome cocktail*
 - *Conference dinner*
 - *Excursion*
 - Depending on the chosen option for the dinner / welcome cocktail and excursion, the fee might increase or be reduced. To be agreed with organizers.

Final remarks

- Out of the two proposed dates: (20-24 Sep 2021 or 27 Sep – 1 Oct 2021) we favor the second week (starting Sep 27th).
 - *Average temperatures in that period: 25 °C max / 13 °C min*
- CIEMAT facilities (catering & auditorium) are only accessible Monday to Friday (Saturday is not an option for meetings).
- Since most services will be booked on-site (from CIEMAT facilities), the cancellation policy can be rather lax (full refund can be guaranteed up to 15 days before the conference)
- Being CIEMAT a public institution, safety precautions will follow the official guidelines at the time of the conference in terms of safety social distance and hygiene measurements for COVID-19.

On behalf of the CIEMAT CMS Group, we look forward to welcoming you in Madrid!

Thanks for your consideration.