

## SECOND CIRCULAR (17/09/2018):

We are pleased to announce the **opening of the registration** to the conference “eXtreme19” that will be held at the University of Padova, close to the heart of the historical city, on January 22-25, 2019.

The conference aims at gathering together scientists from different fields, mainly astronomy, cosmology, astroparticle, and fundamental physics. The main purpose is to review the present experimental and theoretical knowledge of particle acceleration and multi-messenger emission from these extreme accelerators, discussing their potential roles in modern cosmology and fundamental physics.

The meeting will cover the following topics:

- Extreme blazars and the blazar family
- Mechanisms of particle acceleration and radiation in jets
- Extreme blazars as neutrino factories
- Extreme blazars and the connection with the highest energy cosmic rays
- Cosmology and fundamental physics
- Future observatories

The **deadline for abstract submission for both posters and oral contributions is fixed to October 31st, 2018.**

### ➤ CONFIRMED REVIEW SPEAKERS

Luigi Costamante (ASI)  
Martin Lemoine (IAP)  
Paolo Padovani (ESO)  
Elisa Pueschel (DESY)  
Elisa Resconi (TUM)  
Andrew Taylor (DESY)  
Fabrizio Tavecchio (INAF)  
Andreas Zech (LUTH)

### ➤ REGISTRATION AND PAYMENT

The registration procedure is available on the [conference website](#) and has to be completed by all participants until **January 4th, 2019**. No registration is allowed after this date. For organization purposes, early registration is appreciated.

The cost of the registration fee (including VAT), which must be paid in Euro (€) by bank transfer or credit card, is:

| Category  | EARLY REGISTRATION<br>until December 2nd, 2018 | LATE REGISTRATION<br>until January 4th, 2019 |
|---|--|--|
| <b>Standard</b>                                       | € 250,00                                       | € 300,00                                     |
| <b>Student</b><br>(Undergraduate<br>and PhD students) | € 200,00                                       | € 200,00                                     |
| <b>Social Dinner<br/>for Accompanying<br/>Person</b>  | € 50,00  | € 50,00                                      |

The fee includes: admission to all scientific sessions, coffee/tea breaks, welcome cocktail on Tuesday, and the social events, including a guided tour at the “Museum of the History of Physics” on Wednesday afternoon and the conference dinner on Thursday evening.

The payment is possible by Bank Transfer or Credit Card (VISA/MASTERCARD).  
Bank Transfers must be free of charges for the Recipient.  
Irregular transfers will not be accepted.

**Accompanying Persons Fee:** The registration fee for accompanying persons must be paid only in the case of participation to the social dinner. Please make a separate payment for the Accompanying person's fee. The invoice will be issued in the name of the participant.

The Registration is not definitive until payment is received.

### ➤ SOCIAL EVENTS

The following events are planned:

- Spritz welcome (reserved to registrants only) on Tuesday 22<sup>nd</sup>, afternoon.
- Visit to “[Museum of the History of Physics](#)” of the University of Padova on Wednesday 23<sup>rd</sup>, afternoon.
- Social Dinner on Tuesday 24<sup>th</sup>.

### ➤ PRACTICAL INFO

#### ➤ **Venue:**

The meeting will take place in Padova, at the “Polo Multifunzionale di Psicologia” - Via Venezia, 8 - Italy.

With more than 210.000 inhabitants and some 60.000 students, the bustling city of Padova, also known as Padua in English, is nowadays a pleasant destination for culture-, arts- and history-based tourism.

It has been founded well before Roman times and since then has played a pivotal role in the Veneto region as a market and as a cultural center. This long history is well testified by the numerous touristic attractions within the city, from ancient roman ruins to medieval walls and cobble-stone streets, from Renaissance cathedrals and churches to modern building and museums. Gems are the *Scrovegni* Chapel painted by Giotto, the *Basilica of S. Anthony* with its cloisters, statues and paintings and the *Palazzo della Ragione* that hosts a covered market, as well as many other historical and beautiful buildings and squares such as *Prato della Valle*. Padova is also home to several restaurants, bars, and shops that make it very lively, especially during the warm season.

Due to its geographical location, Padova is an ideal basis to visit nearby artistic cities, such as Venice, Verona, Vicenza and Ferrara.

#### ➤ **Accommodation:**

A list of suggested hotels is available on the [Conference website](#).

Participants are kindly requested to book their own rooms by contacting the hotel



22-25 January 2019  
University of Padova  
Italy

➤ **Additional info and contacts:**

Web site: <http://agenda.infn.it/event/eXtreme19>

Email: [extreme19@dfa.unipd.it](mailto:extreme19@dfa.unipd.it)

**SAVE THE DATES!**

July 24th, 2018: Abstract submission open  
September 17th, 2018: Registration and payment open  
October 31st, 2018: Abstract submission deadline  
December 2nd, 2018: Early Payment Closes  
January 4th, 2019: Regular registration and payment close

*We would be grateful if you could bring this announcement to the attention of your colleagues. The poster can be found in pdf format on the website.*

Looking forward to meeting you in Padova,  
Elisa Prandini & Jonathan Biteau  
on behalf of the SOC and LOC

| <b><u>SCIENTIFIC ORGANIZING COMMITTEE</u></b>               | <b><u>LOCAL ORGANIZING COMMITTEE</u></b> |
|---|--|
| Jonathan Biteau (IPNO) & Elisa Prandini (UniPd) -<br>Chairs | Luca Foffano (UniPd) – Chair             |
| Anna Francowiak (DESY)                                      | Cornelia Arcaro (NWU and INAF-Pd)        |
| Kumiko Kotera (IAP)   | Michele Doro (UniPd)                     |
| Matt Lister (Purdue U.)                                     | Manuela Mallamaci (Infn-Pd)              |
| Maria Petropoulou (Princeton U.)                            | Simona Paiano (INAF-Pd)                  |
| Paolo Padovani (ESO)  | Elisa Prandini (UniPd)                   |
| Fabrizio Tavecchio (INAF)                                   | Alessia Spolon (UniPd)                   |
|   | <b><u>SECRETARY</u></b>                  |
|   | Adriana Schiavon (UniPd)                 |

