



SAVE THE DATE!



16<sup>TH</sup> EUROPEAN CONFERENCE ON  
ANTENNAS & PROPAGATION  
**EuCAP** MADRID  
27 MARCH / 1 APRIL 2022

FOCUS ON LINKING ANTENNAS AND  
PROPAGATION WITH NEW TERRESTRIAL AND SATELLITE  
COMMUNICATION NETWORKS



**PRESELECTED AMTA TECHNICAL TOURS:**

- **Madrid Deep Space Communications Complex (MDSCC-NASA),**
- **Radioastronomy observatory of Yebes (CAY),**



**PRESELECTED AMTA TECHNICAL TOURS:**

**NEW Madrid Deep Space Communications Complex (MDSCC-NASA),**

- ✓ Attendees must comply with the sanitary measures on the date of the visit.
- ✓ The **bus will pick us up at the point indicated in the image at the end of this document. The meeting time at this pick-up point is 14:15 h. (02:15 pm).**
- ✓ **On the way back, the bus will leave us at the same point at 17:30 h (5:30 pm).**
- ✓ Time schedule: 30 of March. From 15h to 17h.
- ✓ Number of attendees: 30 people maximum,
- ✓ At outdoor facilities
  - Description of the antenna systems,
  - History of the development of the deep space tracking center,
  - Supported missions.
- ✓ At indoor facilities
  - The training and visitors center.



**PRESELECTED AMTA TECHNICAL TOURS:**



**NEW** Madrid Deep Space Communications Complex (MDSCC-NASA),

- ✓ In the MDSCC complex there are the following seven stations:
  - ✓ DSS-61 (with a standard **34m** diameter antenna) currently used for the PARTNeR Project,
  - ✓ DSS-63 (**70m** diameter antenna),
  - ✓ DSS-65 (34m diameter antenna, high efficiency),
  - ✓ DSS-66 (26m diameter antenna) not currently operational,
  - ✓ DSS-54, DSS-55 and DSS-56 (all three 34m diameter, periscope type).



**PRESELECTED AMTA TECHNICAL TOURS:**

**- Observatory of Yebes (CAY),**

- ✓ 31<sup>st</sup> of March 2022.
- ✓ Attendees must comply with the sanitary measures on the date of the visit.
- ✓ Number of attendees: 45 people maximum, which will be divided into 3 groups (A, B, C).
- ✓ Each group will be guided by a person from the Yebes Observatory, and they will rotate in the visit of the Observatory facilities: 40-meter Radio Telescope, Anechoic Camera, Receivers Laboratory and Amplifiers Laboratory.



**PRESELECTED AMTA TECHNICAL TOURS:**

**- Observatory of Yebes (CAY),**



- ✓ 31<sup>st</sup> of March 2022.
- ✓ The **bus will pick us up at the point indicated in the image at the end of this document.** The meeting time at this pick-up point is 8:30 am.
- ✓ **On the way back, the bus will leave us at the same point at 13:00 h.**
- ✓ The visit will begin at 9:50 am with a talk from the management about the Yebes Observatory, in the visiting room. Afterwards, the groups will be organized, and the route described in the following table will proceed:

**NEW**

**NEW**

	Radiotelescope 40m	Receivers Laboratory	Amplifiers Laboratory
<b>10:30 – 11:00</b>	Group A (N. Marcelino)	Group B (M. Patino)	Group C (I. López)
<b>11:00 – 11:30</b>	Group C ( N. Marcelino)	Group A (P. García)	Group B (I. Malo)
<b>11:30 – 12:00</b>	Group B (B. Tercero)	Group C (M. Bautista)	Group A (M. Díez)

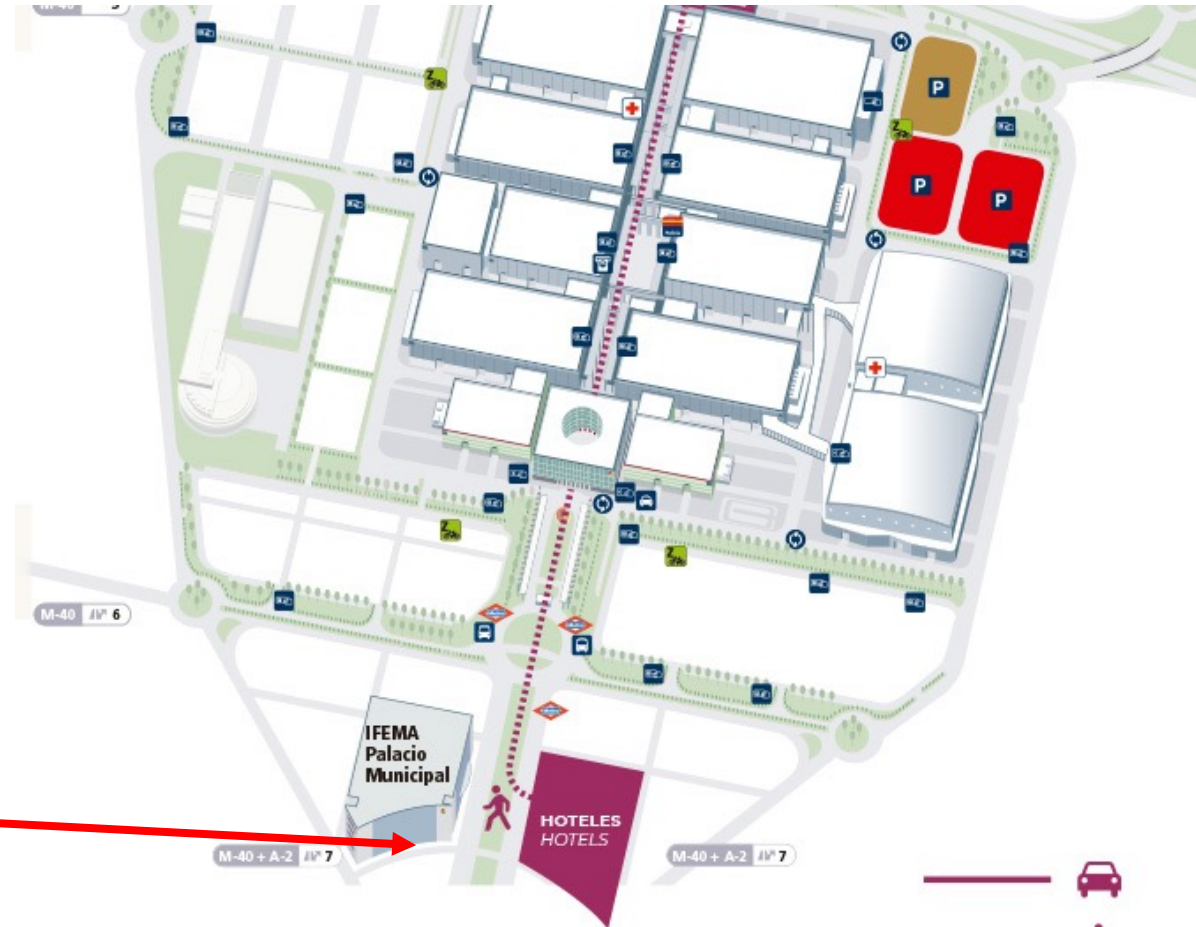
**NEW**



PRESELECTED AMTA TECHNICAL TOURS:

## - Pick up point

NEW



Pick up point

