

Dear IAWN Steering Comitee,

On behalf of the Institute of Space Studies of Catalonia (IEEC), I am pleased to express our formal interest in joining the International Asteroid Warning Network (IAWN) in alignment with its principles and objectives.

The IEEC operates the Montsec Observatory (OdM, <https://montsec.ieec.cat/en/>), a scientific facility dedicated to astrophysical research, environmental monitoring, and space-related technologies. The OdM currently hosts three astronomical facilities, including the Joan Oró Telescope (TJO), an 80-cm robotic telescope, and an all-sky camera, both managed by the IEEC. Additionally, the observatory houses the Telescopi Fabra-ROA Montsec (TFRM), a 50-cm Baker-Nunn camera operated by the Reial Acadèmia de Ciències i Arts de Barcelona (RACAB) and the Real Observatorio de la Armada (ROA). A new 40-cm wide-field robotic telescope is also under development and will be managed by the IEEC.

In particular, the TJO has contributed to NEO/PHA routinary observations over the past decade through several observational programs promoted by the IEEC researchers Josep M. Trigo-Rodríguez and Toni Santana-Ros. Most of these observations were reported to the Minor Planet Center using the C65 observatory code. Lately, such TJO programs have explored different innovative techniques to contribute to track faint and challenging asteroids.

Through the scientific exploitation of the OdM facilities, the IEEC actively participates in multiple observational programs focused on the detection and tracking of near-Earth asteroids. Furthermore, we are strongly committed to fostering collaborations with other scientific institutions to enhance the coordinated collection and analysis of data related to potentially hazardous asteroids.

We look forward to the opportunity to contribute to IAWN's mission and to collaborating with the network's members.

Yours sincerely,

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IEEC Director

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OdM Director