



MINISTERIO DE
TRANSPORTES,
MOVILIDAD Y
AGENDA URBANA

SUBSECRETARIA
DIRECCIÓN GENERAL
DEL INSTITUTO GEOGRÁFICO
NACIONAL

SUBDIRECCION GENERAL DE
ASTRONOMIA, GEOFISICA Y
APLICACIONES ESPACIALES

Yebes, 29th of January 2020

To whom it may concern:

Mr. Islam Mohamed Helmy (Passport number: A11709926), research assistant at the National Research Institute of Astronomy and Geophysics (NRIAG) of Egypt, is kindly invited to visit Yebes Observatory, a facility of the Spanish National Geographic Institute (Guadalajara, SPAIN, EU) during April 2020.

During his stay, he will receive a training course on the detection and measurement of radio frequency interferences (RFI) with the instrumentation available at Yebes Observatory for this purpose.

The program of the course will include the following topics:

- Description of RFI measurement equipment.
- Equations for RFI intensity computation from measured data.
- Calibration of RFI measurement equipment.
- Measurement set-up.
- Operation of RFI measurement equipment.
- Data visualization.

Signed,

Dr. José A. López-Pérez

Head of Receiver's Laboratory
Yebes Observatory
Subdirección General de Astronomía, Geofísica y Aplicaciones Espaciales
Dirección General del Instituto Geográfico Nacional
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