

# EDUARDO TIRADO BUENO

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## ORCID

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<https://orcid.org/0000-0001-8462-8345>

## FIELDS OF RESEARCH INTEREST

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- Heliosphere and Cosmic Rays
- Solar Physics
- Space Weather
- Scientific Computing and Data Analysis

## RESEARCH EXPERIENCE

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### National Institute for Space Research | Visiting Researcher Student

São José Dos Campos, São Paulo, Brasil.

*Dec. 2019 - Feb. 2020*

### Royal Observatory of Belgium & Belgian Institute for Space Aeronomy Research Traineeship

Uccle, Brussels.

*Sep. 2019 - Oct. 2019*

### Institute of Geophysics, UNAM | Undergraduate Research

Mexico City, Mexico

*2016*

## EDUCATION

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### National Institute of Astrophysics, Optics and Electronics | M. Sc. in Space Science

Academic Excellence Award.

*2020*

### Meritorious Autonomous University of Puebla | B. Sc. in Physics

*2017*

## SCHOLARSHIPS & HONOURS

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### Mexican Academy of Sciences

Undegraduate Scholarship to conduct research activities

*2016*

### National Council for Science and Technology (Mexico)

Graduate Scholarship to conduct graduate studies (M. Sc.)

National Institute of Astrophysics Optics and Electronics (INAOE), Mexico

*2018 - 2020*

## SCHOOLS AND WORKSHOPS

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- **Dynamical Systems and Machine Learning Approaches to Sun-Earth Relations**

*Web School 1-5 February 2021*

## SCIENTIFIC PRESENTATIONS

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- **Poster**, LXIII Meeting of the Mexican Physical Society (online) *Oct. 2020*
- **Invited Seminar**, Space Geophysics Division DIDGE/CGCEA - INPE, Brazil. *Feb. 2020*
- **Poster**, VII Brazilian Symposium on Space Geophysics and Aeronomy. *Nov. 2018*

- **Poster**, LXI Meeting of the Mexican Physical Society. *Oct. 2018*
- **Talk**, Meeting of the Cosmic Rays Division of the Mexican Physical Society. *Oct. 2018*
- **Invited Talk**, Seminar on New Physics in Accelerators and the Cosmos, BUAP. *Feb. 2017*
- **Poster**, LIX Meeting of the Mexican Physical Society. *Oct. 2016*
- **Poster**, LVIII Meeting of the Mexican Physical Society. *Oct. 2015*
- **Poster**, LVII Meeting of the Mexican Physical Society. *Oct. 2014*

## SELECTED SERVICES

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**Collaborator**, Mexican Astronomy Olympiad *2018 - 2019*

## SELECTED OUTREACH

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**Lecturer**, Outreach Talk, at *Night of Stars, Mexican Astronomical Event*. *Nov. 2018*  
**Lecturer**, Outreach Talk, at *Night of Stars, Mexican Astronomical Event*. *Nov. 2017*  
**Lecturer**, Outreach Talk, at *Night of Stars, Mexican Astronomical Event*. *Nov. 2016*

## TEACHING

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**Guest Lecturer**, Mini Course: Special Relativity, at Mexican Astronomy Olympiad. *Aug. 2018*  
**Guest Lecturer**, Mini Course: Stellar Properties, at Mexican Astronomy Olympiad. *Aug. 2018*

**Teaching Assistant**, Course: Space Weather, at INAOE. *Jun, 2020*

**Math / Physics tutoring**, high school / college level *Present*

## SCIENTIFIC SOCIETIES

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**Member** of the Mexican Physical Society *Present*

## PUBLICATIONS

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### • First Author Journal Articles:

**E. Tirado-Bueno**, J. E. Mendoza-Torres, R. R. S. de Mendonça, *Barometric Coefficient Dependence on the Geomagnetic Cutoff Rigidity of Neutron Monitors*, Advances in Space Research, DOI: 10.1016/j.asr.2021.04.034

### • Other Journal Articles: