

FDITE173 Problem Solving in Astrophysics

(Dr. Andrea Nagy)

Description:

The main goal of the course is to familiarize students with the professional characteristics of the research career and the related scientometric knowledge, with special attention to the characteristics of the subject area of astrophysics. The knowledge acquired during the course provides students with a suitable basis for fulfilling the publication and application writing requirements to be mastered during the doctoral training.

Topics:

- Science as a profession
- Measuring scientific performance
- Bibliographic databases
- Searching for collaborations
- The scientific article
- The publication process
- Conference papers and lectures
- Scholarships and applications
- Special application forms (instrument proposals)
- Scientific dissemination

Literature:

Chris A. Mack: How to Write a Good Scientific Paper, 2018, SPIE Press, ISBN: 9781510619142