

GIOVANNI TEDESCHI PRADES

- » **Status:** PhD student at the Ludwig Maximilian University of Munich
- » **Birth date:** 27/12/1998
- » **Nationalities:** Italian, Spanish
- » **Mail address:** giov.tedeschi@gmail.com
- » **Github:** <https://github.com/Giovanni-Tedeschi>
- » **Website:** <https://giovanni-tedeschi.github.io/>



»»» Education

- | | | |
|---|---|--|
| 09/2022 - Current | PhD student in Physics | Ludwig Maximilian University of Munich |
| <ul style="list-style-type: none">» PhD project: Implementing the One-Fluid model for dust dynamics in the hydrodynamical simulation code OpenGadget3.» Supervised by: Prof. Dr. Til Birnstiel; Dr. Klaus Dolag; Prof. Dr. Barbara Ercolano. | | |
| 11/2020 - 08/2022 | MSc in Physics with Specialization in Astrophysics | Ludwig Maximilian University of Munich |
| <ul style="list-style-type: none">» Master thesis: Simulating the Vertical Shear Instability in Protoplanetary Disks with PLUTO and OpenGadget3.» Credits: 120 ECTS - Final grade: 1.08. | | |
| 10/2017 - 09/2020 | BSc in Physics | "Sapienza" University of Rome |
| <ul style="list-style-type: none">» Bachelor thesis: Two possible developments of the Sedov-Taylor shock wave: the relativistic and the radiative wave.» Credits: 180 ECTS - Final grade: 110 with honors / 110. | | |

»»» Conferences and Workshops

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| 12/2024 | Evolution of Dust and Gas throughout Cosmic Time | Hiroshima |
| <ul style="list-style-type: none">» Presented a poster on my PhD research work on dust dynamics | | |
| 07/2024 | Course in Computing and HPC for Astrophysics | INAF - Bologna |
| <ul style="list-style-type: none">» Attended a two weeks workshop on High Performance Computing | | |
| 02/2024 | The Physics of Star Formation | Les Houches School of Physics |
| <ul style="list-style-type: none">» Attended a two weeks workshop on star formation | | |
| 09/2023 | Origin and Fate of Dust in our Universe | Chalmers conference center - Goteborg |
| <ul style="list-style-type: none">» Presented a poster on my PhD research work on dust dynamics | | |
| 07/2023 | Life Cycle of Dust | Institute of Space Sciences - Barcelona |
| <ul style="list-style-type: none">» Attended a two weeks workshop on interstellar dust | | |

»»» Awards

» Awarding Institution: DAAD

»» Language Skills**Mother tongues**

- » Italian
- » Spanish

Other languages

- » English - C2
- » German - A1

»» Digital Skills**Programming Languages - Advanced**

- » C | C++ | Python

Programming Languages - Intermediate

- » R | Fortran

Programming Languages - Basic

- » HTML

Operative Systems

- » Linux | Windows | MacOS

Various Software

- » LaTeX | Microsoft Suite | Audacity | MuseScore 3

»» Projects

02/2020 - Current

Web Search Engine development and maintenance for the ATLIS archive

- » I developed and maintaining a Web Search Engine for the ATLIS (Archivio delle Traduzioni di Letteratura Ispanoamericana in Italia) archive, which can be consulted at [this](#) link.