

Hands on Starfinder, a software for the deep analysis of stellar fields with complex PSF



Report of Contributions

Contribution ID: **1**

Type: **not specified**

Welcome

Wednesday 18 March 2026 14:30 (10 minutes)

Greetings from the organizers

Presenter: SCHREIBER, Laura (Istituto Nazionale di Astrofisica (INAF))

Contribution ID: 2

Type: **not specified**

Installation and first running tests

Wednesday 18 March 2026 17:00 (1 hour)

How to install Starfinder on your laptop.

<https://www.ict.inaf.it/gitlab/starfinder/starfinder-dev>

```
git clone https://www.ict.inaf.it/gitlab/starfinder/starfinder-dev
cd starfinder-dev
python setup.py          \# install deps and build Vue
source venv\_starfinder/bin/activate
python xstarfinder.py --gui
```

Step-by-step installation hands-on session.

Prerequisites:

- Python 3.12
- pip
- Node.js & npm (for Vue client)

Presenter: RICCI, Davide (Istituto Nazionale di Astrofisica (INAF))

Contribution ID: 3

Type: **not specified**

Introduction to problematic

Wednesday 18 March 2026 14:40 (50 minutes)

Introduction to high resolution PSF

Contribution ID: 4

Type: **not specified**

Outreach activities

Wednesday 18 March 2026 16:30 (30 minutes)

Outreach activities related to Starfinder

Presenter: MIGNONE, Claudia (Istituto Nazionale di Astrofisica (INAF))

Contribution ID: 5

Type: **not specified**

Science with AO

Wednesday 18 March 2026 15:30 (40 minutes)

Presenter: FIORENTINO, Giuliana (Istituto Nazionale di Astrofisica (INAF))