### 3.2.13 Optics Project Office

The Optics PO is in charge of managing and controlling the implementation of the scientific and programmatic requirements by Optics Local PO, and supports the ATHENA Italian Science Leader in the verification of their correct programmatic and scientific implementation.

#### 3.2.13.1 Optics Project Manager

The Optics Project Manager (PM) of the Italian team of Optics is Dr. Giovanni Pareschi (INAF).

The Optics PM has day by day responsibility for managing, at Central PO level, the project during its phases to achieve the functional and performance requirements within the approved schedule and budget. The PM directs all the top-level Management activities of the project supported by the Local POs managers. The PM works closely with the ATHENA Italian Science Leader in all aspects of the project that might significantly affect the scientific performance of the Instrument, including cost budget, and calls and chairs the internal review.

### 3.2.14 Optics Subsystems

#### 3.2.14.1 Beatrix

The Management of the Beatrix project is under the responsibility of Dr. Bianca Salmaso (INAF)

The members of the Beatrix team and their relative responsibilities/roles are listed in Table 14.

Table 14: the Beatrix team members.

| Name | Function |
|---|---|
| Gianpiero Tagliaferri (INAF-OAB) | Project Leader |
| Giovanni Pareschi (INAF-OAB) | Deputy Project Leader |
| Bianca Salmaso (INAF-OAB) | Program manager & System Engineer |
| Stefano Basso (INAF-OAB) | AIT & AIV Executive Manager |
| Daniele Spiga (INAF-OAB) | Optical Design and calibration |
| Mauro Ghigo (INAF-OAB) | Vacuum System, Polishing and figuring and control softwa |
| Gabriele Vecchi (INAF-OAB) | Polishing and figuring |
| Giorgia Sironi (INAF-OAB) | Metrology |
| Vincenzo Cotroneo (INAF-OAB) | Figuring |
| Davide Sisana (POLIMI) | PhD student |
| Andrea Bianco (INAF-OAB) | Clean environment |
| Rachele Millul (INAF-OAB) | Project Controller |
| Roberto Moncalvo (INAF-OAB) | Contracts Officer |
| Claudio Ferrari (IMEM-CNR) | Crystals |
| Andrea Zappettini (IMEM-CNR) | Crystals |
| Vadim Burwitz (MPE) | Validation |
| Manuel Sanchez del Rio (ESRF) | Crystals |
| Michela Uslenghi (INAF-IASF) | Detectors |
| Mauro Fiorini (INAF-IASF) | Electronics |
| Finn Christensen (DTU) | External advisor |
| Desiree Della Monica Ferreira (DTU) | Coating |
| Sonny Massahi (DTU) | Coating |

## x Michela Todaro

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|---|---|
| Dr. Michela Todaro<br>INAF t Osservatorio Astronomico di Palermo<br>Tel:<br>E-mail: michela.todaro@inaf.it | Role in the Italian participation in the ATHENA projec<br>X-IFU Thermal Filters local Project Manager, loca Product Assurance Manager and local Risk Manag<br>WFI Optical Filters local Project Manager, local Product Assurance Manager and local Risk Manag |

### Experience/Education

2013 t Master's Degree in Physics, Università degli Studi di Palermo

2018 t PhD. in Material Science and Nanotechnology, Università degli Studi di Catania e Universit Studi di Palermo

### Previous Project Participations/Responsibilities

- Participation to calibration and testing of thermal and optical blocking filters for the X-IFU and WFI instrument of Athena space mission
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### Professional Appointments and Affiliations

- Associated to INAF since 2018
- Since December 2022 Technologist at INAF – Osservatorio Astronomico di Palermo.