

## Romolo Politi

**Institution:** INAF – Istituto di Astrofisica e Planetologia Spaziali - Rome  
**Current Position:** Resercher

### CURRICULUM VITAE

#### FIELD OF EXPERTISE:

- Laboratory measurement using reflectance and transmittance technique;
- Analysis of planetary surface using remote sensing data;
- Analysis of planetary atmosphere using remote sensing data;
- Design and implementation of the data pipelines;
- Design and implementation of simulation software for planetary formation;
- System administration;
- Cloud infrastructure and computing

### KEY EXPERIENCE

#### PROFESSIONAL ACTIVITIES:

- **2009-2014** administration and maintenance of the **VIRTIS VEX** data pipeline;
- **2013-2016** administration and maintenance of the **VIRTIS Rosetta** data pipeline;
- **2013** Co-PI of the study of the mission concept **ODINUS**;
- **2014** PI of the study of the mission concept **Loki**;
- **2016**, coordinator of the **SIMBIO-SYS** data pipeline on the **BepiColombo** mission;
- **2018**, CoI of the experiment **SIMBIO-SYS** on the **BepiColombo** mission.
- **2019**, local archive administrator for the Europlanet Machine Learning project.
- **2019**, member of the Planetary Formation WG of the ESA mission ARIEL.

### PUBLICATIONS

I have 21 publications on referred journals, 49 proceedings and other not referred publications, 11 technical reports and 1 software package.