Earth Observation for Human Health:
The Multi-Angle Imager for Aerosols (MAIA) Mission.

An opportunity to enhance Space cooperation between US and Italy

AGENDA MARCH 1st 2022		
PST	CET	Session CHAIR: S. Zoffoli - ASI
7:15 AM	4:15 PM	**NASA-ASI welcome and ASI perspective on mission feasibility** *Hal Maring - NASA* *Francesco Longo - ASI*
7:25 AM	4:25 PM	**Meeting objectives** *Fabrizia Buongiorno - INGV*
7:35 AM	4:35 PM	**MAIA investigation and technical overview** *David Diner - JPL*
8:05 AM	5:05 PM	**MAIA satellite instrument operations** *Lori Bator - JPL*
8:20 AM	5:20 PM	**MAIA data products** *Scott Gluck - JPL*
8:35 AM	5:35 PM	**PLATiNO spacecraft overview** *Vincenzo Pulcino - ASI*
8:50 AM	5:50 PM	**Project systems engineering approach** *Stacey Boland - JPL*
9:00 AM	6:00 PM	**Early Adopters and status of US-Italy community engagement** *Abigail Nastan - JPL* *Cinzia Zuffada - JPL*
9:15 AM	6:15 PM	**Summary of current plans in Italy, prospects for additional observations, and introduction to discussion**

AGENDA MARCH 4th 2022

PST	CET	Session CHAIR: F. Buongiorno - INGV
7:15 AM	4:15 PM	**Welcome – Meeting objectives** *Simona Zoffoli - ASI*
7:25 AM	4:25 PM	**Italian perspectives on MAIA mission exploitation** *Andrea Taramelli - ISPRA*
7:35 AM	4:35 PM	**MAIA contribution for Air Quality products in Italy** *Marco Deserti - ARPAE*
7:45 AM	4:45 PM	**Liberti Observatory: air pollution monitoring by chemical and remote sensing ground-based measurements** *Cristiana Bassani – CNR-IIA*
7:55 AM	4:55 PM	**CNR-ISAC observational capacity over the MAIA italian target regions in support of the mission** *Francesca Barnaba - ISAC* *Gian Paolo Gobbi - ISAC*
8:05 AM	5:05 PM	**Contributions of Arpae Emilia-Romagna to observational, modeling and epidemiological studies relating to air quality and atmospheric pollution** *Vanes Poluzzi - ARPAE*
8:15 AM	5:15 PM	**Magnetic methods for the source apportionment of particulate matter** *Aldo Winkler - INGV*
8:25 AM	5:25 PM	**Importance of particulate matter speciation in the US and Italy** *Bart Ostro – University of California, Davis*

8:35 AM	5:35 PM	**Novel opportunities for epidemiological studies with MAIA** *Massimo Strafoggia - Lazio Regional Health Service*
8:45 AM	5:45 PM	**Towards possible synergies between MAIA and PRISMA in monitoring aerosol composition** *Fabio Del Frate – UNIROMA2*
8:55 AM	5:55 PM	**The impact of Etna volcanic plume in the eastern Sicily: the possible advantage of the future MAIA mission** *Claudia Spinetti - INGV* *Simona Scollo – INGV*
9:05 AM	6:05 PM	**Dual-wavelength polarimetric lidar retrieval of the volcanic ash cloud during the 2016 Etna eruption** *Frank Marzano – UNIROMA1*
9:15 AM	6:15 PM	**Opportunities for validation of MAIA algorithms and data products in Italy** *Michael Garay – JPL*
9:25 AM	6:25 PM	**Q&A and discussion**
10:00 AM	7:00 PM	**Meeting adjourn**