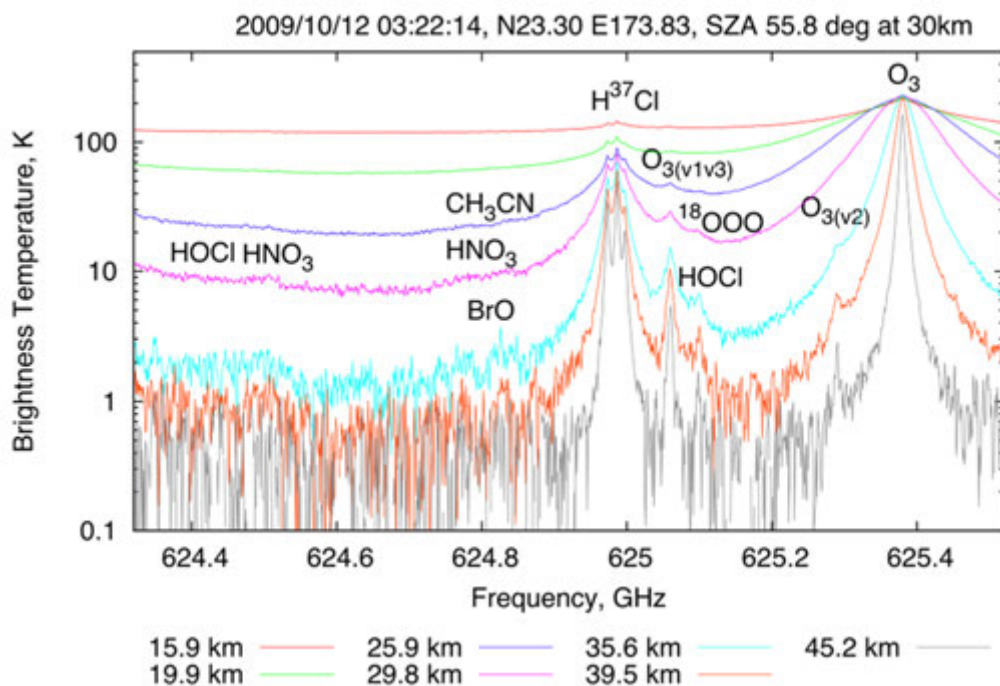


Scope of Evaluation with the Panel

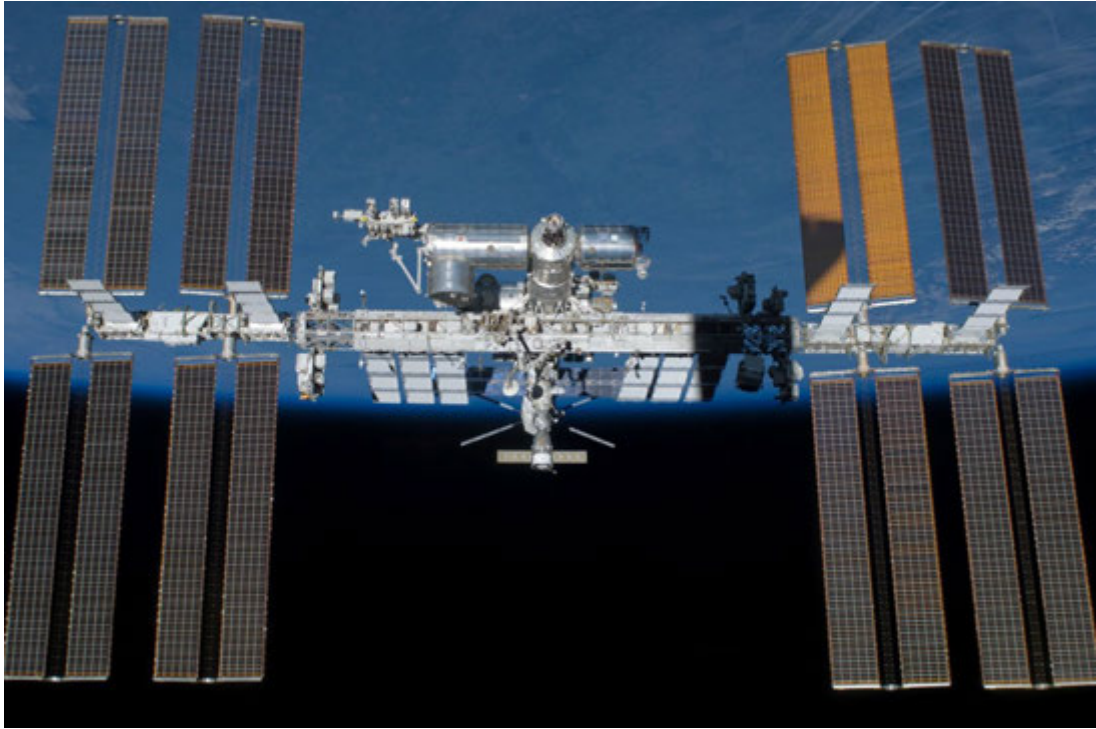
Masahiro TAKANAYANAGI

Director of ISS Science Project Office,
ISAS / JAXA

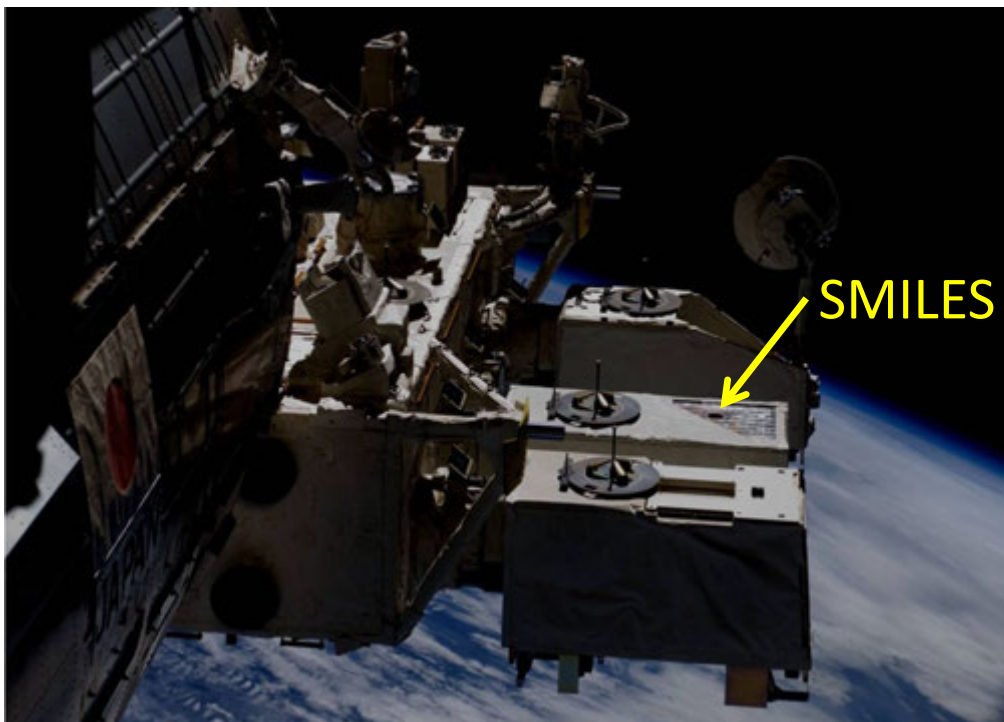
Welcome Address - Achievement of SMILES Mission -



The International Space Station



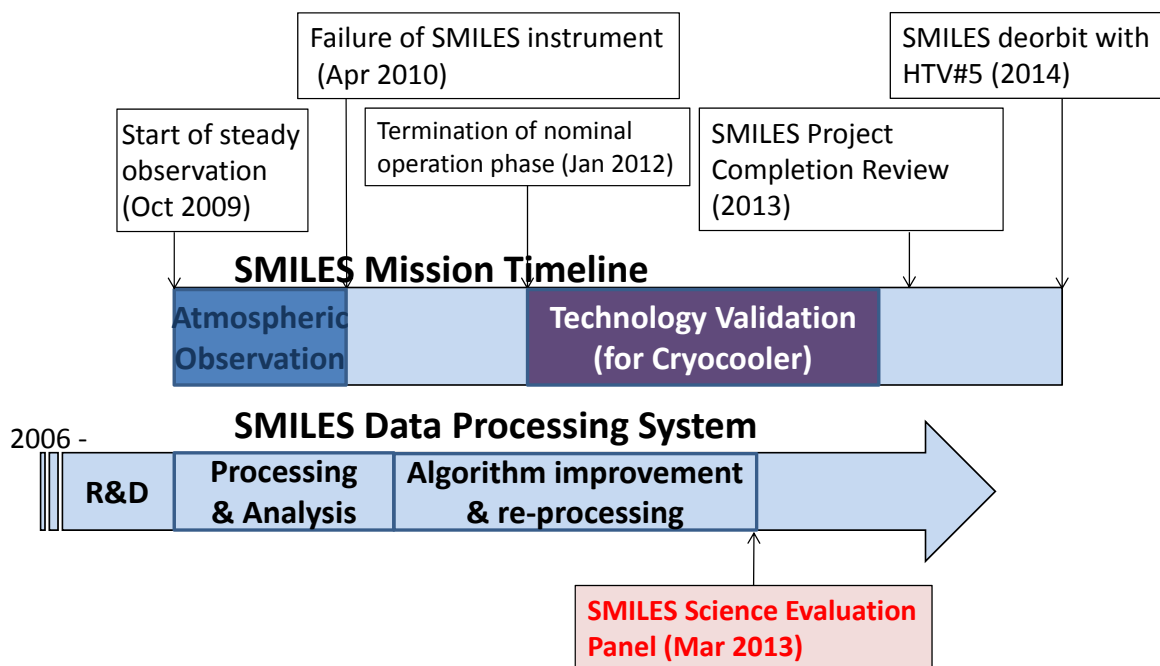
SMILES onboard JEM/ISS



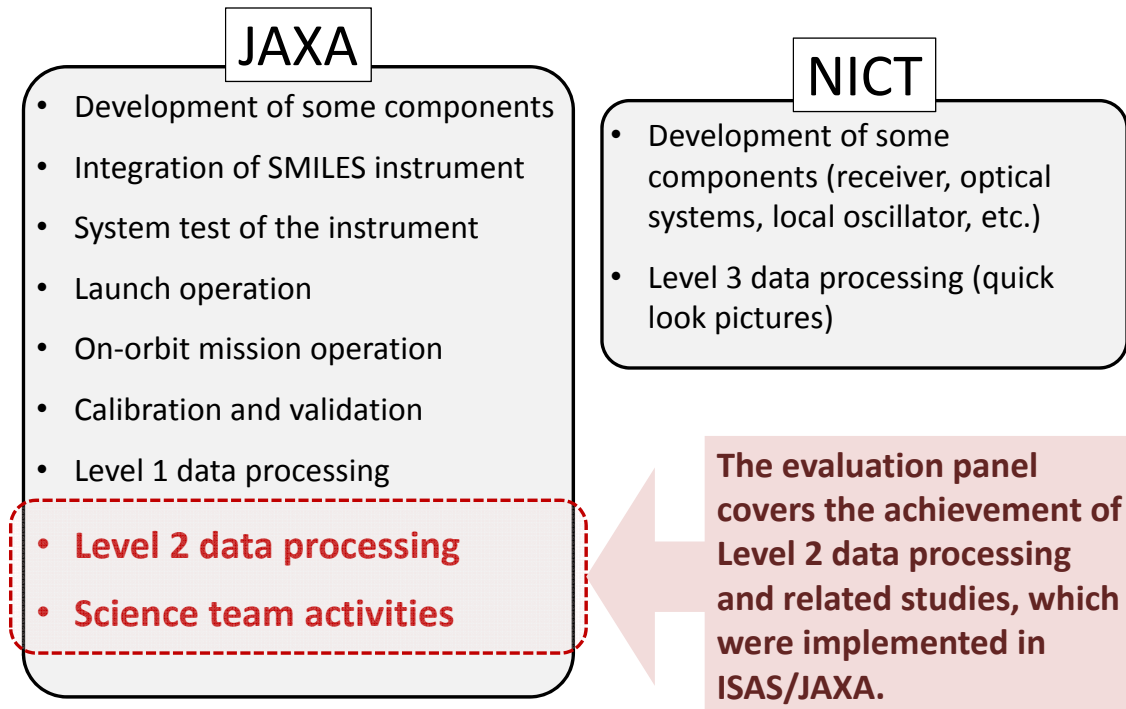
History of SMILES mission

- 1997/4 Selected as 1st-phase mission of Exposed Facility of JEM/ISS
- 2006/5
 - Revision of implementation in JAXA; ISAS has a role in SMILES Science
 - Prof. Shiotani is charged as the Principal Investigator
- 2008/5-8 Research Announcement
- 2009/9 Launch of SMILES / HTV-1 / H-IIB #1
- 2009/10 Start of Atmospheric Observation

Position of the Evaluation Panel in JAXA SMILES project



Cooperation of JAXA and NICT in SMILES mission



SMILES Research Announcement

- Announced in May 2009, application closed in July 2009.
- 30 themes have been proposed and 28 of them were accepted.
- Some of applied research activities outside JAXA are provided within the scheme of SMILES RA.
 - (Example)
 - Ice cloud retrieval, BrO comparison, etc. (JPL)
 - Level 2 research product, stratospheric wind retrieval, etc. (NICT)
 - Ozone isotope comparison, etc. (Toronto U.)

Evaluation Point of View

- (1) Adequacy of Research Target
 - Was our research target of SMILES appropriate ?
- (2) Research implementation system
 - Was implementation system of SMILES research properly established ?
- (3) Scientific / Engineering Achievement
 - Did we achieve our research target ? How about the degree of achievement ?
 - How is significance of the results ?
 - Does the result have impacts at international level ?
- (4) Knock-on effect to the scientific community
 - Are we ready to supply SMILES data to the scientific community to be utilized for their applied researches ?
 - Are there sufficient knock-on effect to the related scientific communities ?

Evaluation Panel Members

Chair

- Dr. John C. Gille (NCAR)

Members

- Dr. Guy Brasseur (German Climate Service Center)
- Dr. Paul A. Newman (NASA/GSFC)
- Prof. Emeritus Dr. Toshihiro Ogawa (Univ. of Tokyo)
- Prof. Emeritus Dr. Norio Kaifu
(National Astronomical Observatory of Japan)
- Prof. Dr. Hideaki Nakane (Kochi Univ. of Tech.)
- Prof. Dr. Masato Nakamura (ISAS/JAXA)