

Equipe (service mécanique)

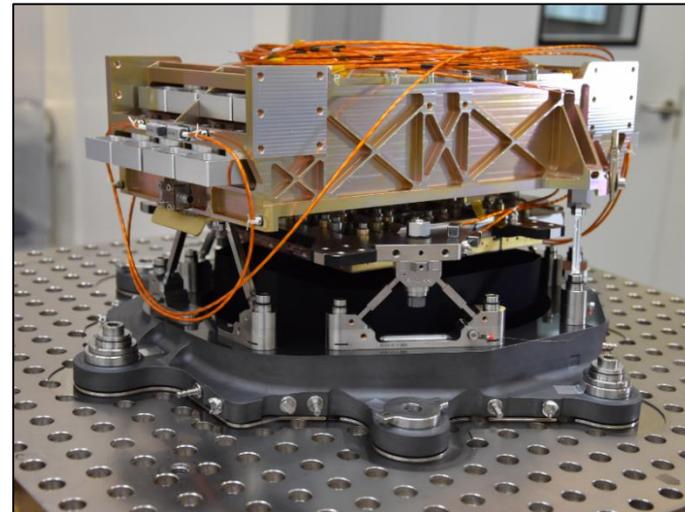
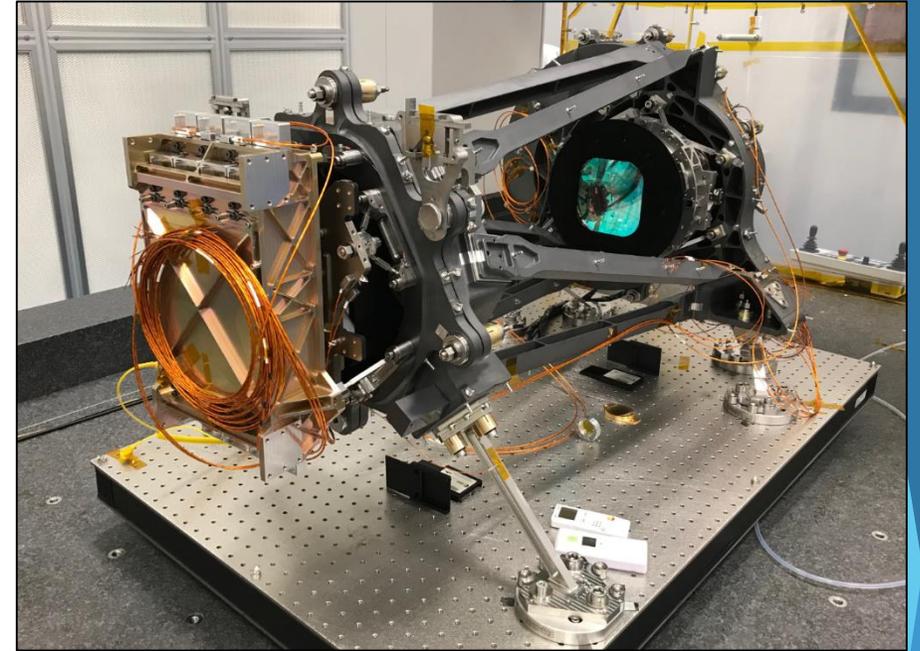
- ▶ Mathieu NICLAS (Responsable AIT NI-DS)
- ▶ Jean-Philippe LOGIER (Responsable procédures d'intégration)

Responsabilités

- ▶ Gestion du produit (interfaces, réunions d'avancement, plannings, documentation exhaustive)
- ▶ Intégration mécanique des différents modèles
- ▶ Métrologie et contrôles fonctionnels
- ▶ Suivi des tests (vibrations, thermique)

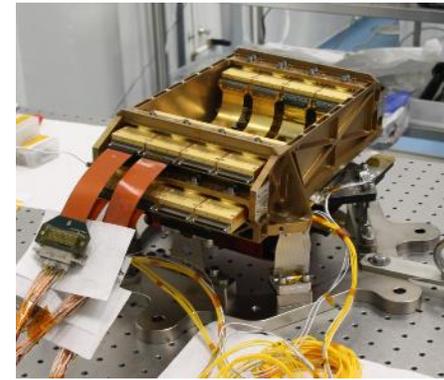
Interfaces

- ▶ LAM (études/conception mécanique, interface avec autres sous-systèmes)
- ▶ JPL (fourniture des détecteurs/électroniques)
- ▶ CNES (responsable instrument/projet)

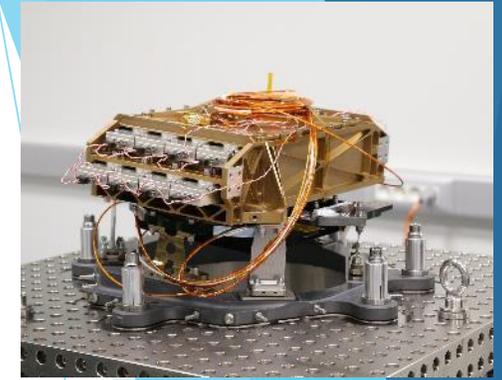


Intégration

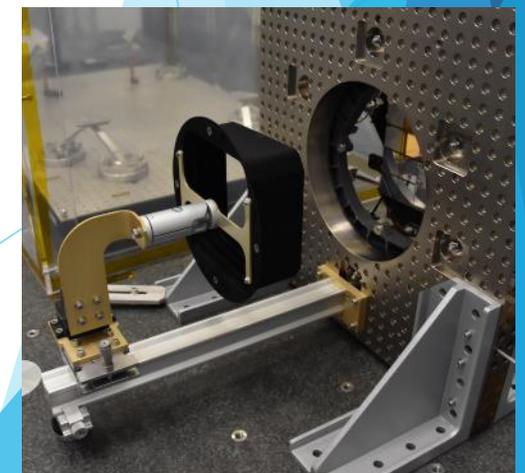
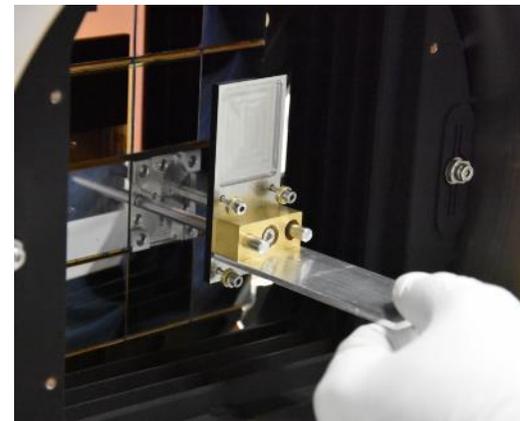
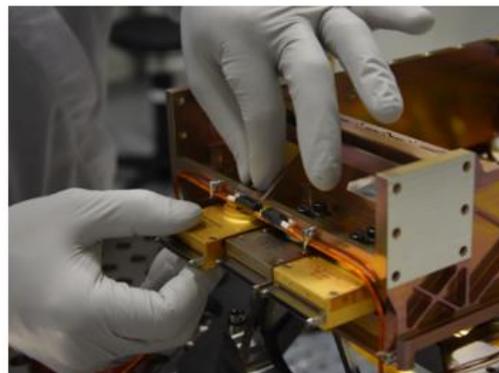
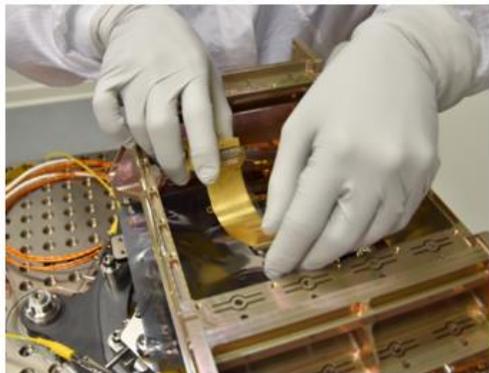
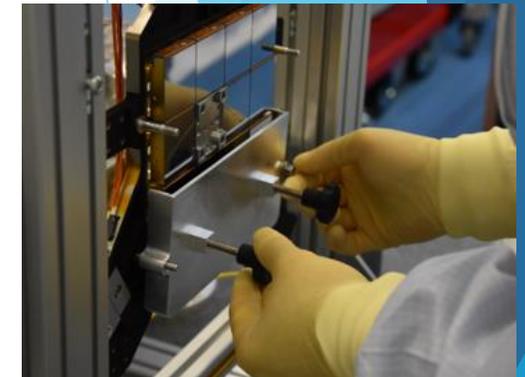
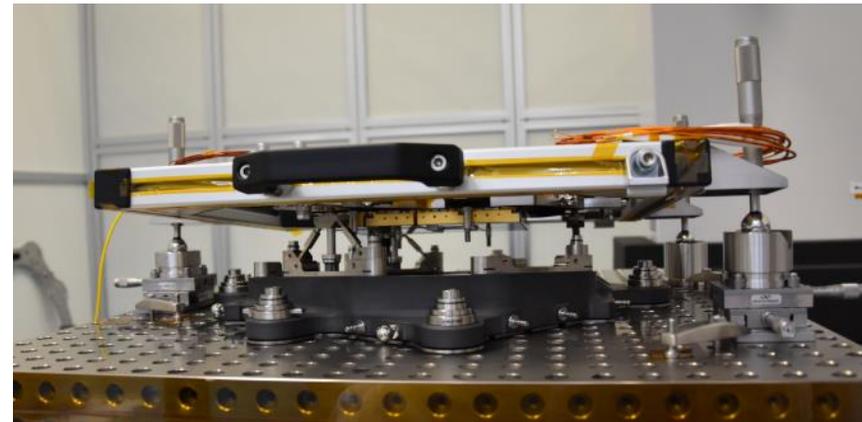
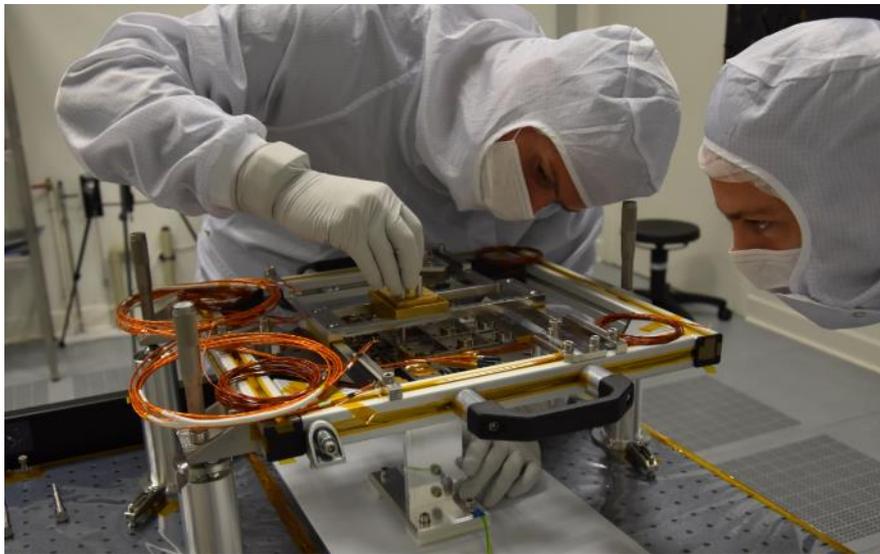
- ▶ Différents modèles assemblés (DM, STM, EQM)
- ▶ Modèle de vol en cours d'assemblage (FM)
- ▶ Mise au point outillages et procédures
- ▶ Contraintes d'environnement propre et de risque ESD



DM

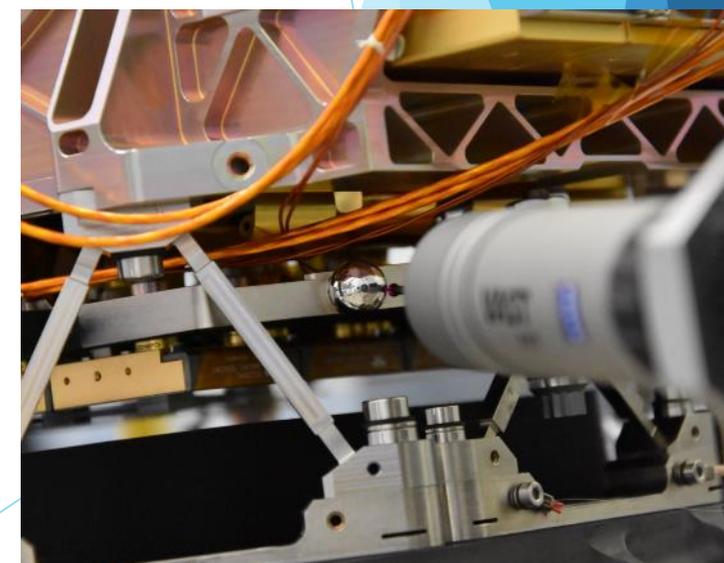
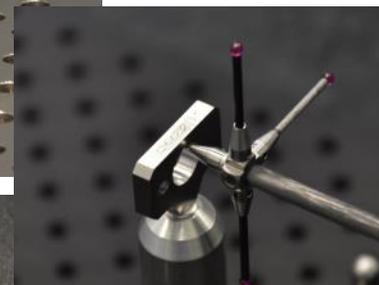
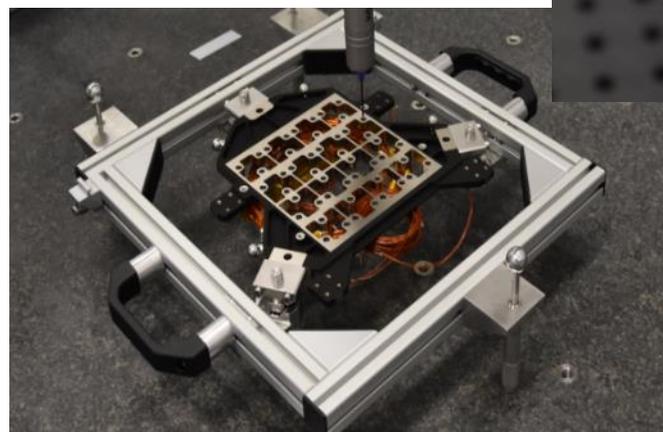
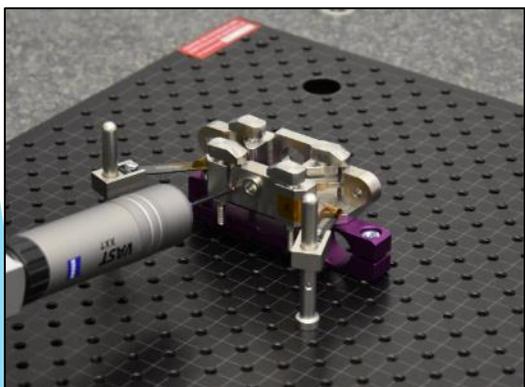
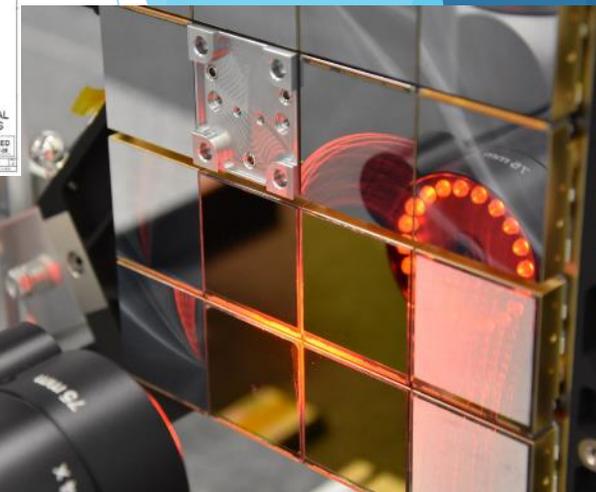
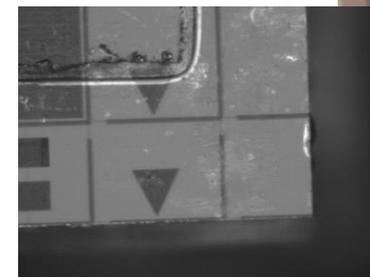
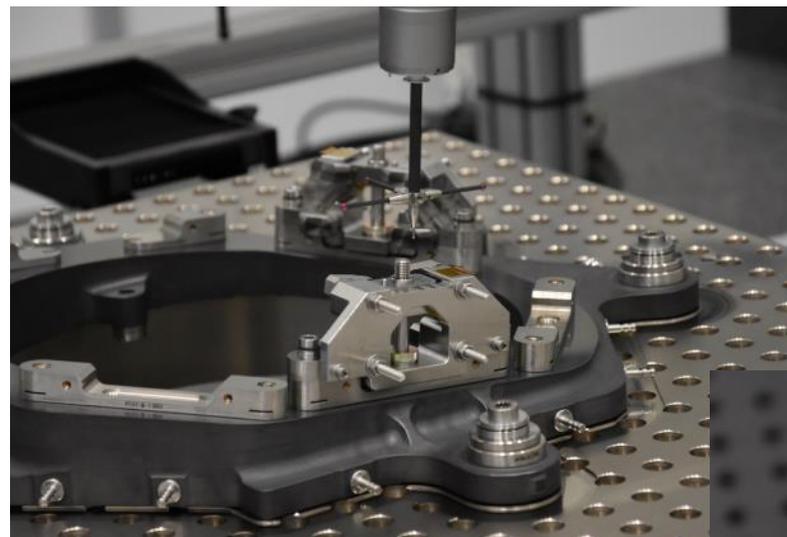
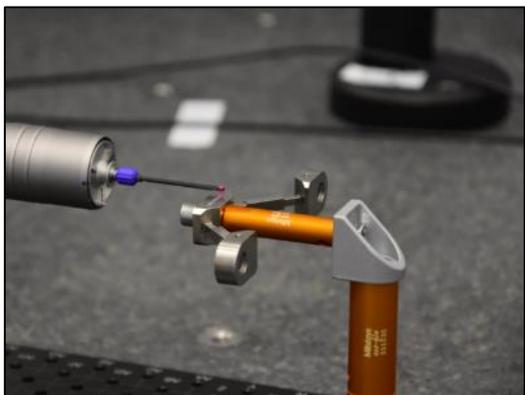
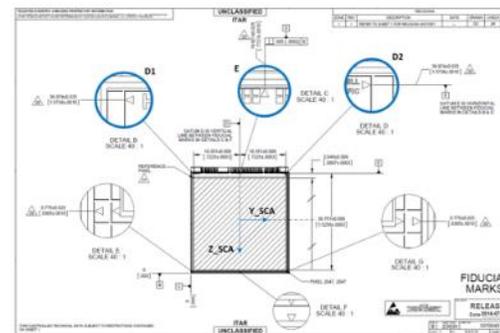


STM



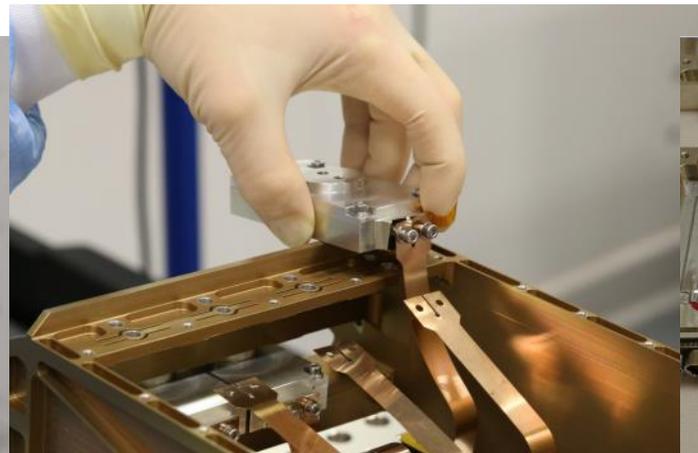
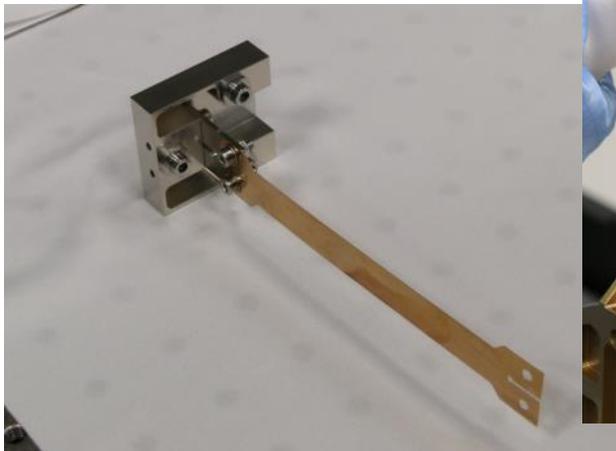
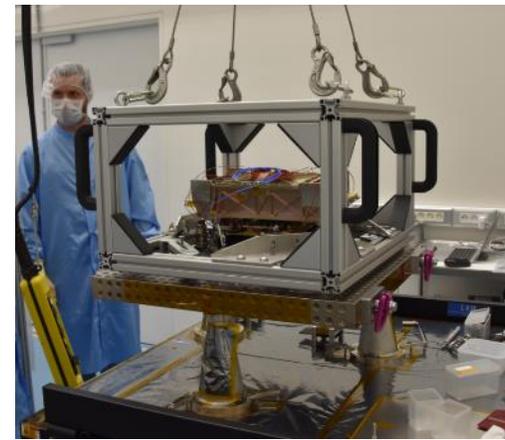
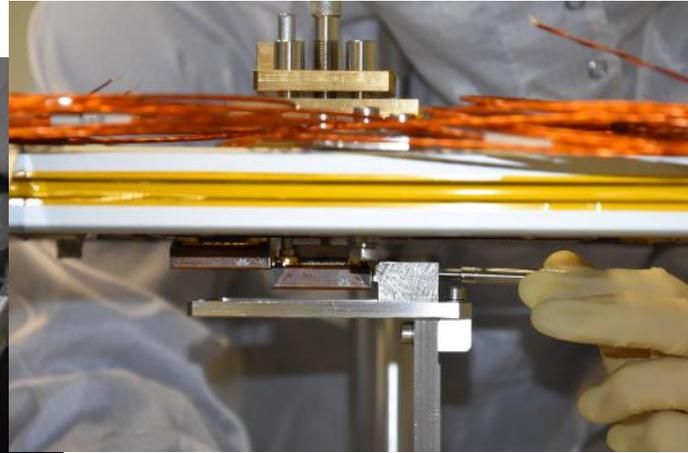
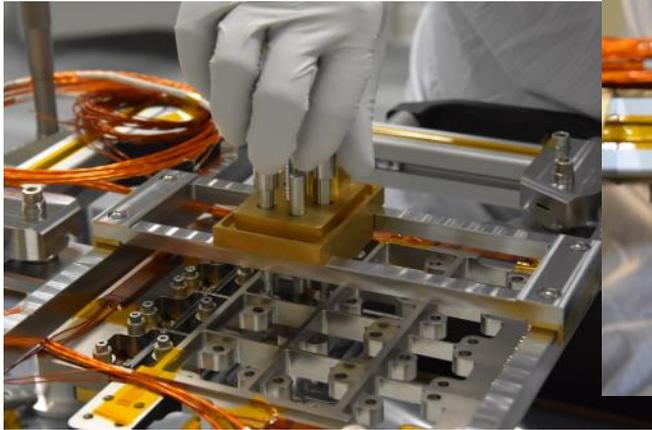
Métrologie

- ▶ Evaluation des contraintes de montage des bipodes
- ▶ Alignement du plan focal
- ▶ Position des détecteurs



Conception

- ▶ Outillages d'intégration / modifications d'outillages
- ▶ Détecteurs et électroniques « dummies »



Tests

- ▶ Déformée mosaïque à froid (CSL)
- ▶ Vibrations (LAM)
- ▶ Tests fonctionnel à chaud ou en cryostat (LAM)

