AMOS – Advanced Mechanical & Optical Systems

- Since 1983
- 100 People
- 18 M€ in 2019
- 95% export

- High precision Optics & Mechanics
- Design, Manufacturing & Testing
- Projects & Solutions + Services
- 4 Business Lines
  - Astronomy
  - Space
  - Industry & Labs
  - Services

Located in the LIEGE SCIENCE PARK - Belgium
Astronomy: Turnkey professional telescopes

- **Sayan**
  - Russia

- **DAG**
  - Turkey

- **ZIMLAT**
  - Switzerland

- **Mount Abu**
  - India

- **MROi**
  - USA

- **GTC**
  - Tenerife

- **UKIRT**
  - Hawaii

- **Gemini**
  - Hawaii

- **GMT**
  - Chile

- **EELT**
  - Chile

- **VLTs**
  - Chile

- **PanSTARRS**
  - Hawaii

- **DKIST (VLTi)**
  - Chile

- **UKIRT**
  - Hawaii

- **EELT**
  - Chile

- **ATSI (VLTi)**
  - Chile

- **IN PROGRESS**
  - Mount Abu
  - India

- **COMPLETED**
  - Sayan
  - Russia

- **MAST**
  - India

- **AMS**
  - China

- **CIOMP**
  - China

- **ARIES**
  - India

- **ILMT**
  - India

- **TMT**
  - Hawaii

- **GMT**
  - Chile

- **TMT**
  - Hawaii

- **DKIST**
  - Hawaii

- **ILMT**
  - India
A few space references...

FLIGHT OPTICS & OPTOMECHANICAL SUBSYSTEMS
- TROPOMI flat mirrors - NL
- PROBA-V TMA - Belgium

FLIGHT INSTRUMENTATION
- MTG IRS BTA - Germany
- Hyperspectral instrument

TB/TV SPACE SIMULATORS
- Focal XXL – CSL -Belgium
- VSSC – ISRO - India

GROUND SUPPORT EQUIPMENT
- MTG OGSE - France
- Pléiades MGSE - France
AMOS and Optical telecommunications

- SALTO Adaptive optics demonstrator
- Small telescopes for OGS
- Optical Ground station integration - Partnerships
- Optical subsystems for space terminals
- Large antennas for deep-space communications
Possible contributions

- Opto-mechanical subsystems for satellite terminals
  TMAs, Scan system, Pointing & Tracking opto-mechanics
- Small & large telescopes for ground stations
- Adaptive Optics solutions for optical ground terminals
- Look for partnership for integrated solutions