Outline of the program, with some of the highlights
Location: Science Centre, Mijnbouwstraat 120, 2628 RX Delft, the Netherlands

Monday October 16:
12.30-13.30 Welcome with lunch
14.00-17.00 Opening Ceremony, Welcome Speeches, High Level Key Notes: by NSO, CSA, SpaceNed, Chinese Embassy in the Netherlands, CNSA, TU Delft, TNO
17.00-18.30 Reception

Tuesday October 17:
9.30-12.30 Session 1: Space optical remote sensing system design:
- **Danying FU** - DFH Satellite Co., Ltd (DFH) - *Research on High Performance Micro-nano Satellite for Earth Observation and Space Detection*
- **Jean-Loup Bézy** - ESA/ESTEC - *The ESA Fluorescence Explorer (FLEX) mission*
- **Hailiang SHI** - Hefei Institutes of Physical Science, Chinese Academy of Sciences (HFCAS) - *The Upper Atmosphere Wind Measurement Based on Doppler Asymmetric Spatial Heterodyne Interferometer*
- **Pieternel Levelt** - KNMI - *OMI, TROPOMI and TROPOLITE: towards 1 x 1 km2 Air Quality and Emission monitoring*
- **Hongrui Wang** - Physikalisch-Meteorologisches Observatorium Davos - *Total solar irradiance instruments on Feng Yun 3 satellites*
- **Huadong LIAN** - Beijing Institute of Space Mechanics and Electricity (BISME) - *Concept design and Analysis for a high resolution optical camera in Mars exploration*
- **Ad Verlaan** - TNO - *HIGS*
- **Gerard Otter** - TNO – *Spectrolite*

14.00-15.30 Session 2: Advanced Optical system design and manufacturing
- **Haiyan LUO** - Hefei Institutes of Physical Science, Chinese Academy of Sciences (HFCAS) - *Optical design and simulation of spatial heterodyne spectroscopy (SHS) for mesospheric temperature*
- **Hans Bol** - TNO - *Green House Gas Instrument optical design*
- **Weimin SHEN** - Soochow University (SUDA) - *Design and manufacture of the thermal infrared hyperspectral imaging optical systems*
- **Xinhua CHEN** - Soochow University (SUDA) - *Design and manufacture of the compact conical diffraction imaging spectrometer*
- **Rik Janssen** - TNO - *The Sentinel 5 instrument and its TNO contributions*
- **Stefan Bäumer** - TNO - *Structural Thermal Optical Performance (STOP) analysis*

16.00-17.30 Session 3: Remote sensor calibration and measurement
- **Yvan Stockman** - CSL - *CSL activities in Straylight testing and analysis for space applications*
- **Shaofan TANG** - Beijing Institute of Space Mechanics and Electricity (BISME) - *Study on Radiation Calibration Technology of High Precision Full Spectrum Hyper spectral Imager*
- **Daniël ten Bloemendal** - Airbus DS NL - *Tropomi NIR OOB calibration campaign*
Wednesday October 18:

9.30-12.30 Session 4: Remote sensing data processing and information retrieval

- **Guorui JIA** - Beihang University (BUAA) - Spectral super-resolution reflectance retrieval from hyperspectral images
- **Huiting GAO** - Beijing Institute of Space Mechanics and Electricity (BISME) - Filtering Algorithm of False Events in Lightning Detection by FY-4 Lightning Mapping Imager
- **Han Wensink** - Nevasco - A joint Sino-Netherlands strategy for the development and implementation of satellite observations enabled services
- **Shanwei LIU** - China University of Petroleum (UPC) - A Study on Monitoring Method of High Resolution Remote Sensing in Cloudy and Rainy Regions
- **Wenlong ZHANG** - National University of Defense Technology (NUDT) - A Pseudo-Color Coding Method for High-Dynamic Infrared Remote Sensing Images
- **Zhang LI** - National University of Defense Technology (NUDT) - SVM Based Cloud Detection Using Combined Texture Features
- **Martijn Schaap** - TNO - Assimilation of satellite observed ammonia to monitor the reactive nitrogen budget

14.00-15.30 Session 5: Remote sensing data applications

- **Anmin FU** - Academy of Forest and Planning Inventory (AFIP) - The project of Terrestrial ecosystem carbon inventory satellite (TECIS) and its application plan in China
- **Feng LU** - National Satellite Meteorological Center (NSMC) - CMA next generation meteorological satellite observation capability and its applications
- **Zheng WEI** - China Association of Remote Sensing Application (CARSA) - China Remote Sensing Application and Spatial Industry Development
- **Christoph Keller** - Leiden University - Optical Technology Needs for Exoplanet Space Missions

16.00-17.30 Session 6: Optics manufacturing, metrology and sensors

- **Shanyong CHEN** - National University of Defense Technology (NUDT) - Subaperture stitching test of large convex optics
- **Gerard van den Eijkel** - Demcon/DUI - Metrology systems for large freeform mirrors
- **Teng GAO** - Beijing Institute of Space Mechanics and Electricity (BISME) - The Design And Application Of Temperature Control Loop Heat Pipe For Space CCD Camera
- **André Hoogstrate** - TNO - Three aspheres in three months
- **Mathieu Breukers** - VDL ETG - Space @ VDL Science and Technology