

TUBITAK-CAS Joint Seminar on Aerospace

General Program

Thursday, 3 September

08:30 – 12:30 (Istanbul Time) Turkey

13:30 – 17:30 (Beijing Time) China

Webinar Location : <https://us02web.zoom.us/j/86435529304>

Co-Chairs: Professor XIE Xiaoping, Deputy Director of XIOPM

Mustafa Ekinci, TUBITAK Space Technologies Research Institute

Opening Remarks 08:30 - 08:50 (13:30 – 13:50)

Convener: Professor XIE Xiaoping, Deputy Director of XIOPM

13:30 - 13:40 Official Opening and Welcome

Professor ZHANG Yaping, Vice President of CAS

08:40 - 08:50 Official Opening and Welcome

Professor Hasan MANDAL, President of TUBITAK

08:50 - 09:00 Official Opening and Welcome

Serdar Hüseyin YILDIRIM, President of Turkish Space Agency (TUA)

Presentations

09:00 - 09:10 **Turkey Speaker1:** Burak Pehlivan, Turkish Space Agency (TUA)

Speech title: Turkish Space Agency and Its Activities

14:10 - 14:20 **China Speaker 1:** DONG Xiaolong, Professor, Center for Space Science and Applied Research

Speech title: Space Science and Earth Observation Missions of NSSC

09:20 - 09:30 **Turkey Speaker 2** : Mustafa Ekinci, TUBITAK Space Technologies Research Institute

Speech title: Research and Development of Space Based Optical Imaging Payloads

09:30 - 09:40 **Turkey Speaker 3**: Ayşe Temiz, Turkish Aircraft Industries Corporation (TAI)

Speech title: Turkish Aerospace Technology Road Map and University-Industry Collaboration Studies

14:40 - 14:50 **China Speaker 2**: LIU Jianbo, Professor, Aerospace Information Research Institute

Speech title: China Remote Sensing Satellite Ground System

09:50 -10:00 **Turkey Speaker 4**: Burak Aşıcı / Melih Kaldırım, ASELSAN

Speech title: ASELSAN Activities on Infrared Detectors

10:00 -10:10 **Turkey Speaker 5**: Alim Rüstem Aslan, Istanbul Technical University

Speech title: International Co-operation and Space Technology Projects in ITU-SSDTL

15:10 - 15:20 **China Speaker 3**: ZHENG Yunqiang, Senior Engineer, Xi'an Institute of Optics and Precision Mechanics

Speech title: Technology and Application of high speed satellite Laser communication and optical switching

10:20 - 10:30 **Turkey Speaker 6:** Uğur Leloğlu, Middle East Technical University

Speech title: Cubesat multispectral payload development complementary to Sentinel-2 constellation for vegetation studies

15:30 - 15:40 **China Speaker 4:** ZHU Ye, Vice Chief Engineer, Innovation Academy for Microsatellites

Speech title: LEO constellation and commercial satellite design

10:40 - 10:50 **Turkey Speaker 7:** Cahit Yeşilyaprak, Ataturk University

Speech title: Eastern Anatolia Observatory (DAG): A New Observatory in Turkey

15:50 - 16:00 **China Speaker 5:** TANG Zhenghong, Professor, Shanghai Astronomical Observatory

Speech title: CCD Camera with Rotating Drift-scan technology and Observation of NEO

11:00 - 11:10 **Turkey Speaker 8:** Tahsin Çağrı Şişman, University of Turkish Aeronautical Association

Speech title: Space Science Studies in University of Turkish Aeronautical Association

16:10 - 16:20 **China Speaker 6:** CHEN Ping, Associate Professor, Xi'an Institute of Optics and Precision Mechanics

Speech title: R&D of photosensors for space exploration

11:20 - 11:30 **Turkey Speaker 9:** Emrah Kalemci, Sabanci University

Speech title: Turkish contribution to the Chinese-European enhanced X-ray Timing and Polarimetry (eXTP) mission

16:30-16:40 **China Speaker 7:** ZHOU Zuofeng, Professor, Xi'an Institute of Optics and Precision Mechanics

Speech title: Low Orbit Commercial Satellites and Application

11:40 - 11:50 **Turkey Speaker 10:** Onur Keskin, Işık University

Speech title: Pyramid Wavefront Sensor Based Extreme Adaptive Optics System TROIA (Turkish adaptive Optics system for Infrared Astronomy) and KORAY (Kmirror Optical RELAY) Optical Derotator systems built for the 4 meter diameter VIS/IR Eastern Anatolian Observatory (DAG)

11:50 - 12:00 **Turkey Speaker 11:** Zeynep Demircioğlu, TÜBİTAK Space Technologies Research Institute

Speech title: TÜBİTAK Space Technologies Research Institute Optical System Research Laboratory – OPMER

Closing Speech 12:00 – 12:20 (17:00 – 17:20)

17:00 - 17:10 Professor XIE Xiaoping, Co-Chair of CAS

12:10 - 12:20 Mustafa Ekinci, Co-Chair of TÜBİTAK