

JSTC 2019 MEETING  
April 30 - May 1, 2019  
Antalya, TÜRKİYE

**TÜBİTAK National Observatory**

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## PARTICIPANTS:

### TUG:

Prof. Dr. Sacit Özdemir  
Dr. Ferhat Fikri Özeren  
Dr. İrek Hamitoğlu  
Dr. Tuncay Özışık  
Murat Dindar  
Saniye Dindar  
Ekrem Kandemir  
Cevdet Bayar

### IKI:

Prof. Dr. M. Pavlinsky,  
Prof. Dr. Marat Gilfanov,  
Dr. R. Burenin,

### KFU:

Prof. Dr. I. Bikmaev,  
Prof. Dr. Rustam Gumerov,  
Dr. Almaz Galeev

## April 30, 2019

10:00—12:00

\*Opening talks

\*Short presentations.

\*Mechanical problems and solution suggestions of the covers of RTT150 mirror.

\*Operating condition of RTT150 in low temperature limit.

12:00—13:30 Lunch

13:30 - 15:30

\*Discussing mirror cleaning operation in 2018 and new Delta / Alpha drivers of RTT150 (Prof. Dr. I. Bikmaev, Prof. Dr. R. Gumerov, Dr. I. Hamitoglu)

15:30 - 15:45 Break

15:45 - 18:00

\*Modernization studies of RTT150:

(i) Requirement of having a hadcopy document for decoding the electronic cable schema, electronic diagrams, etc. of RTT150: (previous JSTC) Diagrams relevant to currently ongoing activities will be translated from Russian to English or Turkish languages as needed (Prof. Dr. R. Gumerov, M. Dindar, E. Kandemir).

(ii) Discussing current status of Fiber Echelle Spectrometry (FES) and integration of tip-tilt plate AO -X mechanism (Prof. Dr. I. Bikmaev, Dr. I. Hamitoglu, Dr. T. Ozisik).

(iii) control software of RTT150, sustainability of RTT150 with existing instruments, (software, instrument updates / renovations in a joint collaboration of both sides) (Prof. Dr. R. Gumerov, Dr. T. Ozisik, M. Dindar)

19:00 Dinner

## May 1, 2019

09:30 - 11:00

\*Discussing the current status of new Andor iKon-L CCD camera (Dr. T. Ozisik)

\*Future plan of the former camera (Andor CCD), usage in Coude spectrometer at R= 100 000 (previous JSTC) (Prof. Dr. I. Bikmaev)

11:00 - 11:15 Break

11:15– 12:00

MOS device and observational trials (Dr. I. Hamitoglu),

12:00 - 13:30 Lunch

13:30 - 15:30

\*Online regular announcement of the project titles and abstracts of Russian side (all project titles and abstracts from Turkish side has been started to be announced on the WEB page of TUG) (previous JSTC)

\*Discussing the current status of SRG observatory.

\*The possibility to build the wide field fiber multi-object spectrograph for RTT150. This spectroph would allow to get around 100 spectra in 1.5 deg diameter field of view. The combination of FOV and sensitivity would be very suited for the optical support of SRG X-ray survey. (Prof. Dr. M. Pavlinsky)

\*Observations of the source of LIGO-Virgo gravitation radiation in optical with RTT150 (Prof. Dr. M. Pavlinsky)

\*Repairing works on RTT-150 paratoner system (against of lightnings) (Prof. Dr. I. Bikmaev)

15:30 - 15:45 Break

15:45 - 18:00

\*New MPA's huge UPS installation at RTT150 building (Prof. Dr. I. Bikmaev)

\*Information about Astronomy and Gravitation International Conferences in KFU in September and October 2019 (Prof. Dr. I. Bikmaev)

\*Other matters

CLOSING SPEECH