

Session Program

24-28 Oct 2022



28th Young Scientists' Conference on Astronomy and Space Physics

Solar physics and heliosphere

Thursday 27 October

13:40

Solar physics and heliosphere

Session | **Convener:** Ms Daria Trotsenko

13:40–14:25 **Picoflares in the Solar corona observed by Solar Orbiter**

Speaker

Dr Olena Podladchikova

14:25–14:40 **Kinematics of coronal mass ejections and auroral science**

Speaker

Dr Anitha Ravishankar

14:40–14:55

Persistence of weak magnetic cycles during solar grand minima episodes

Speaker

Ms Sanghita Chandra

14:55–15:00 **Transit time estimation of earthbound CMEs**

Speaker

Mr Ashutosh Pattnaik

15:00–15:15 **Coherent structures of kinetic Alfvén wave to study solar wind at 1AU**

Speaker

Dr Jatav Bheem Singh

15:15–16:00

Magnetic switchbacks in the young solar wind: generation and evolution

Speaker

Dr Oleksiy Agapitov

16:00