

Program V0.2

LKP MiniSymposiumScienceTalks

Dates: 27.-28.5.2020

Location: AIP An der Sternwarte 16 14482 Potsdam

What's the role of the Sun for climate change?

15-min talks, 5-min discussions.

Wednesday, May 27

Coffee & Tea

- 14:00 K. G. Strassmeier (AIP/UP): Introduction – the Sun as a star
- 14:20 C. Denker (AIP): The Sun in time: what causes the currently low solar activity?
- 14:40 S. K. Solanki (MPS): The Sun close-up
- 15:00 N. Krivova (MPS): Solar variability from terrestrial isotopic records
- 15:20 More coffee
- 15:50 A. Warmuth (AIP): Solar cosmic rays, CMEs, and therealike
- 16:10 J. Berdermann (DLR): Terrestrial atmospheric couplings
- 16:30 K. Matthes (GEOMAR): Ocean circulation und climate dynamics

Thursday, May 28

- 9:00 Coffee & Tea
- 9:20 **H. Rauer (DLR): Solar impact on Mars, Moon, and the other planets**
- 9:40 M. Roth (KIS): Helioseismology and space weather
- 10:00 More coffee
- 10:30 C. Stolle (GFZ): Interactions with Earth's magnetic field
- 10:50 R. Arlt (AIP): The Solar dynamo
- 11:10 K. Scherer (U Bochum): Could the LISM - our galactic vicinity - impact on Earth?
- 11:30 **M. Rex (AWI): Future climate models and better predictions**
- 11:50 Closing address

15:00 Audi Max LKP2020