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Solar Magnetism: From the Generation, over their Importance to the Measuring Techniques of Solar Magnetic Fields

Wednesday, June 16, 2021 3:50 PM (25 minutes)

In this talk we will outline the basic idea of the generation of solar magnetic fields via an acting global solar dynamo, highlight the importance of the solar magnetic fields for our understanding of the dynamic phenomena within the solar atmosphere as well as their influence on the observed space weather.

Moreover we will have a look into the spatial high resolution end of observations of small-scale dynamic fields and have a first glimpse on the techniques and instrumentation to observe magnetic fields on the Sun.

Speaker

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