The solar wind's geomagnetic impact and its Sun–Earth evolution

Predictive models for space weather and for the Parker Solar Probe orbit

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Thursday, 1 November 2018, 14:00
Seminarraum Astrophysik (SR 17, F 05.104)

Title
Two topics

The solar wind's geomagnetic impact and its Sun–Earth evolution

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Predictive models for space weather and for the Parker Solar Probe orbit

Study 1

The solar wind's geomagnetic impact – Predictive models for space weather

Title
Two topics

The solar wind's geomagnetic impact and its Sun–Earth evolution
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Predictive models for space weather and for the Parker Solar Probe orbit

Study 1

The solar wind's geomagnetic impact – Predictive models for space weather

Study 2

The solar wind's Sun–Earth evolution – Predictive models for the Parker Solar Probe orbit

Solar wind

images...

Geomagnetic impact of the solar wind

images...

Sun–Earth evolution of the solar wind

images...

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A bit more information about this

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first slide

A bit more information about this

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Definition

A definition

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Sample frame title

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Examples

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Sample frame title

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Remark

Sample text

Important theorem

Sample text in red box

Sample frame title

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Remark

Sample text

Important theorem

Sample text in red box

Examples

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Two-column slide

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$$E = mc^2$$

- First item
- Second item

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Sample

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Remark

Sample text

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Examples

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Sample

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Remark

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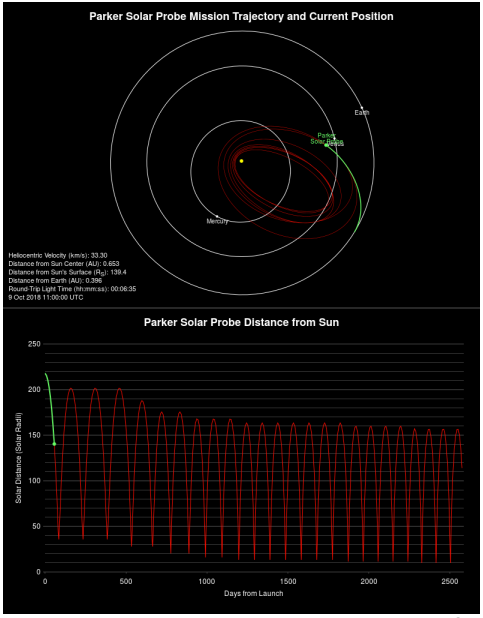
Important theorem

Sample text in red box

Figure sample
A

Credit: NASA



Credit: NASA

Credit: NASA

Credit: NASA

Important theorem

Sample text in red box

some text

more text

Further Reading I

Parker, E. N. 1958, *Dynamics of the Interplanetary Gas and Magnetic Fields.*, Astrophys. J., 128, 664, [DOI], [ADS].

Venzmer, M. S. & Bothmer, V. 2018, *Solar-wind predictions for the Parker Solar Probe orbit. Near-Sun extrapolations derived from an empirical solar-wind model based on Helios and OMNI observations*, Astron. Astrophys., 611, A36, [DOI], [ADS].

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