

ISEE workshop on Extreme Solar Events, Nagoya, 02-06 October, 2018
Preliminary Program (v.4, 28.09.2018)

Monday

Arrival during the day

Welcome reception (starts at ~5:30 pm)

Tuesday

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| K. Kusano | The possibility of extreme solar events based on the direct observations and the numerical simulations of flares |
| E. Cliver | Extreme solar proton events: History, Current understanding, Observations, and Scaling to solar flares |
| H. Hayakawa | Footprints of extreme space weather events in historical documents |
| S. Poluianov | Modelling of nuclide production by cosmic rays in the Earth's atmosphere and lunar rocks |
| E. Rozanov | Atmospheric transport of cosmogenic isotopes |
| T. Jull | New annual ^{14}C data in tree rings |
| M. Oinonen | Subannual measurements of ^{14}C in Arctic trees -- timing of the event and polar enchancement |

Wednesday

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| M. Baroni | "do"s and "don't"s for the interpretation of the ^{10}Be and ^{36}Cl ice core records as SPE |
| F. Miyake | A search for potential event signatures over high-resolution ^{14}C records |
| F. Mekhaldi | Traces of extreme space weather events in polar ice cores |
| H. Maehara | Superflares and starspot activity on solar-type stars |
| D. Sokoloff | Dynamo models for superflaring stars |
| F. Wang | High energy cosmic transients (GRBs, SNe and SGR) and ^{14}C in tree rings |
| L. Wacker | What we can learn from annually resolved radiocarbon measurements on tree-rings: examples from the late Holocene and the Younger Dryas |
| L. Wacker | Worldwide observation of past SPE in tree ring records |

Thursday .

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| T. Jull | SEP events recorded in lunar samples. |
| S. Poluianov | Lunar rocks as a spectrometer for solar energetic particles |
| E. Rozanov | Atmospheric effects of extreme SEP events |
| C. Dyer | Technological and societal effects of extreme SEP events |
| I. Usoskin | Worst-case scenario |

Free afternoon -- optional excursion

Friday .

Discussion on common plans, joint efforts. If you have something specific to discuss, propose, suggest, please bring your ideas and slides.

Saturday .

Discussion of the joint publication (IOP e-book)

Adjourn at lunch time