



WHOLE HELIOSPHERE & Planetary Interactions

2021 Whole Heliosphere and Planetary Interactions Workshop

Working Agenda as of 16, September 2021

(Times listed below are Mountain Daylight/Denver, CO Time)

<https://www.thetimezoneconverter.com/>

MONDAY, 13 SEPTEMBER, 2021:

8:00-1:00 PM Data Collection Day - For more information, please visit:

<https://cpaess.ucar.edu/sites/default/files/meetings/2021/documents/2021-WHPI-Workshop-Data-Collection-Day.pdf>

TUESDAY, 14 SEPTEMBER, 2021:

Session 1 (Chairs: Barbara Thompson and Ian Hewins)

8:00-8:15 AM

- **Introduction and Goals for the Workshop** - Sarah Gibson

8:15-8:30 AM

- **Overview of Working Groups (WGs) from WG Leads** - Carlos Martinis, Heather Elliott, Robert Allen, Mary Hudson, Giuliana de Toma, Liying Qian, Gina DiBraccio, Rachael Filwett

8:30-9:00 AM

- **Scene Setting - WG1: Characterizing the Whole Heliosphere at Solar Minimum** - Pete Riley

9:00-9:30 AM

- **Scene Setting - WG2: Origins and Impacts of High-Speed Solar Wind Streams (HSS)** - Janet Luhmann and Nicolas Wijsen

9:30-9:45 AM

- **Break**

Session 2 (Chairs: Sarah Gibson and Barbara Thompson)

9:45-10:45 AM

- **WHPI Model and Data Assessment Discussion**

Session 3 (Chairs: Heather Elliott and Carlos Martinis)

10:45-11:45 AM

- **WG1 Focused Topic: Sun-Heliosphere Mosaic**
 - 10:45-10:55 AM: Ian Hewins
 - 10:55-11:05 AM: Rohit Chhiber
 - 11:05-11:15 AM: Alberto Marcos Vasquez
 - 11:15-11:45 AM: Discussion

11:45-11:55 AM

- **Break**

Session 4 (Chairs: Robert Allen and Mary Hudson)

11:55-12:55 PM

- **WG2 Focused Topic: HSS - From Coronal Holes through Interplanetary Space**
 - 11:55-12:05 PM: Karin Muglach
 - 12:05-12:15 PM: Steven Heineman
 - 12:15-12:25 PM: Stefan Hofmeister
 - 12:25-12:35 PM: Barbara Emery
 - 12:35-12:55 PM: Discussion

12:55-1:00 PM

- **Wrap Up/Closing Remarks**

1:00 - 3:00 PM

- **Icebreaker Activity** Please join us on Tuesday to get to know your colleagues better and participate in some fun challenges.

WEDNESDAY, 15 SEPTEMBER, 2021:

Session 5 (Chairs: Fran Bagenal and Nour Raouafi)

8:00-8:15 AM

- **Accessing Virtual Resources** - Barbara Thompson and Ian Hewins

8:15 -8:30 AM

- **Overview of Campaigns** - Giuliana de Toma

8:30-9:00 AM

- **Scene Setting - WG3: Comparative Solar Minima** - David Hathaway and Janet Kozyra

9:00-9:30 AM

- **Scene Setting - WG4: Solar Activity throughout the Heliosphere** - Christina Lee

9:30-9:45 AM

- **Break**

Session 6 (Chairs: Robert Allen and Ryan McGranaghan)

9:45-10:45 AM

- **WHPI Model and Data Assessment Discussion**

Session 7 (Chairs: Giuliana de Toma and Liying Qian)

10:45-11:45 AM

- **WG3 Focused Topic: Space Age Solar Minima**
 - 10:45-10:55 AM Marty Mlynczak
 - 10:55-11:05 AM Lan Jian
 - 11:05-11:15 AM Ana Elias
 - 11:15-11:45 AM Discussion

11:45-11:55 AM

- **Break**

Session 8 (Chairs: Gina DiBraccio and Rachael Filwett)

11:55-12:55 PM

- **WG4 Focused Topic: Connecting Activity across the Heliosphere**
 - 11:55-12:05 PM Olivier Witasse
 - 12:05-12:15 PM Leila Mays
 - 12:15-12:25 PM Jacob Gruesbeck
 - 12:25-12:35 PM Elena Provornikova
 - 12:35-12:55 PM Discussion

12:55-1:00 PM

- **Wrap Up/Closing Remarks**

THURSDAY, 16 SEPTEMBER, 2021:

Session 9 (Chairs: Gina DiBraccio and Rachael Filwett)

8:00-8:05 AM

- **Introduction** - Sarah Gibson

8:05-9:05 AM

- **WG4 Focused Topic - Specific Events During WHPI**
 - 8:05-8:15 AM Emilia Kilpua
 - 8:15-8:25 AM Erika Palmerio
 - 8:25-9:05 AM Discussion

Session 10 (Chairs: Robert Allen and Mary Hudson)

9:05-10:05 AM

- **WG2 Focused Topic - Impacts of HSS to Planetary Systems**
 - 9:05-9:15 AM Mary Hudson
 - 9:15-9:25 AM Federico Gasparini
 - 9:25-10:05 AM Discussion

10:05-10:20 AM

- **Break**

Session 11 (Chairs: Giuliana de Toma and Liying Qian)

10:20-12:00 PM

- **Poster Session: Allen, Buatthaisong, Choraghe, Emery, Hewins, Sondhiya, Mis, Muangha, Nicoli, Rathore, Rodriguez, Temmer, Wilson**

12:00-12:55 PM

- **WHPI Collaboration Planning Discussion**

12:55-1:00 PM

- **Wrap Up/Closing Remarks**

FRIDAY, 17 SEPTEMBER, 2021:

8:00-8:05 AM

- **Introduction** - Barbara Thompson

Session 12 (Chairs: Heather Elliott and Carlos Martinis)

8:05-9:05 AM

- **WG1 Focused Topic - "Quiet-time" Impacts on Planets**
 - 8:05-8:15 AM Xiaohua Fang
 - 8:15-8:25 AM Xuguang Cai
 - 8:25-8:35 AM Bernard Jackson
 - 8:35-8:45 Dan Gershman
 - 8:45-9:05 Discussion

Session 13 (Chairs: Giuliana de Toma and Liying Qian)

9:05-10:05 AM

- **WG3 Focused Topic - Panel: "Maunder Minimum, long term solar variability from historical records, and impact on climate"** - Natalie Krivova, Judith Lean, Hanli Liu, Matthias Rempel, Leif Svalgaard, Ilya Usoskin

10:05-10:20 AM

- **Break**

Session 14 (Chairs: Sarah Gibson and Barbara Thompson)

10:20-12:00 PM

- **Poster Session: Abbo, Alterman, Bilenko, Bregou, Buitrago-Casas, de Toma, Globa, Kooi, Marchenko, Mayyasi, McEntee, Poopakun, Snow, Thiemann**

12:00-12:55 PM

- **Plenary Collaboration Planning**

12:55-1:00 PM

- **Wrap Up/Closing Remarks**