

Space Weather Bootcamp 2018

TYPE - WEEK1 • JUNE 4 • MONDAY

W week1

JUNE 4 • MONDAY

9:30am – 12:00pm	W	GSFC tour for confirmed participants (starting tour bus location emailed)	TBA
12:00pm – 1:00pm	W	Lunch on your own (Heliophysics summer interns attend SESI activity lunch, location emailed)	.
1:00pm – 1:05pm	W	Welcome and Introduction to the bootcamp <i>Speakers: Yari Collado-Vega</i>	Bldg 21 Rm 183
1:05pm – 1:15pm	W	Brief Introduction of the CCMC <i>Speakers: Masha Kuznetsova</i>	Bldg 21 Rm 183
1:15pm – 2:00pm	W	Introduction to Space Weather <i>Speakers: Antti Pulkkinen</i>	Bldg 21 Rm 183
2:00pm – 2:50pm	W	NASA Astrophysics and role of Space Weather <i>Speakers: Michelle Thaller</i>	Bldg 21 Rm 183
2:50pm – 3:00pm	W	Break	Bldg 21 Rm 183
3:00pm – 4:00pm	W	Icebreaker: Event to acquaint yourself with your fellow Bootcamp attendees <i>Moderators: Anna Chulaki, Yari Collado-Vega, Karin Muglach, TAs</i> <i>Speakers: Barbara Thompson</i>	Bldg 21 Rm 183
4:00pm – 4:30pm	W	Heliophysics Satellites <i>Speakers: Leila Mays, Asher Pembroke</i>	Bldg 21 Rm 183
4:30pm – 5:00pm	W	What is iSWA and how do you use it? <i>Speakers: Anna Chulaki, Rick Mullinix</i>	Bldg 21 Rm 183

JUNE 5 • TUESDAY

9:00am – 9:45am	W	Solar Photospheric, Chromospheric and Coronal observations relevant for SW forecasting <i>Speakers: Karin Muglach</i>	Bldg 21 Rm 183
9:45am – 10:15am	W	Space Weather tag-up and Break	Bldg 21 Rm 183
10:15am – 11:00am	W	Solar Flares and Space Weather <i>Speakers: Aleksandre Taktakishvili</i>	Bldg 21 Rm 183
11:00am – 11:30am	W	Introduction to the DONKI Space Weather Database <i>Speakers: Chiu Wiegand</i>	Bldg 21 Rm 183
11:30am – 1:00pm	W	Lunch	.
1:00pm – 1:45pm	W	CMEs and Space Weather <i>Speakers: Aleksandre Taktakishvili</i>	Bldg 21 Rm 183
1:45pm – 2:30pm	W	SEPs and Space Weather <i>Speakers: Leila Mays</i>	Bldg 21 Rm 183
2:30pm – 2:40pm	W	Break	Bldg 21 Rm 183
2:40pm – 3:00pm	W	Coronal holes and SWx <i>Speakers: Michael Kirk</i>	Bldg 21 Rm 183
3:00pm – 3:35pm	W	Coronal Modeling with WSA and ADAPT <i>Speakers: Nick Arge</i>	Bldg 21 Rm 183
3:35pm – 5:00pm	W	Assignment Period <i>Moderators: Anna Chulaki, Yari Collado-Vega, Karin Muglach, Aleksandre Taktakishvili, TAs</i>	Bldg 21 Rm 183

JUNE 6 • WEDNESDAY

9:00am – 10:00am	W Real-time modeling of CMEs using WSA-ENLIL+Cone model <i>Speakers: Leila Mays</i>	Bldg 21 Rm 183
10:00am – 10:30am	W SW tag-up and Break	Bldg 21 Rm 183
10:30am – 11:10am	W Sun-Earth connection; the Earth's Magnetosphere and the importance of Space Weather <i>Speakers: Yari Collado-Vega</i>	Bldg 21 Rm 183
11:10am – 11:20am	W Break	Bldg 21 Rm 183
11:20am – 12:00pm	W Van Allen Radiation Belts <i>Speakers: Alex Glozer</i>	Bldg 21 Rm 183
12:00pm – 1:30pm	W Lunch	.
1:30pm – 2:15pm	W Space Weather in the Ionosphere <i>Speakers: Robert Pfaff</i>	Bldg 21 Rm 183
2:15pm – 3:45pm	W Interactive Activity: Space Weather during a mission to Mars <i>Moderators: Anna Chulaki, Karin Muglach, Yihua Zheng, Aleksandre Taktakishvili</i> <i>Speakers: Yari Collado-Vega, Leila Mays</i>	Bldg 21 Rm 183
3:45pm – 3:55pm	W Break	Bldg 21 Rm 183
3:55pm – 5:00pm	W Assignment Period <i>Moderators: Leila Mays, Anna Chulaki, Yari Collado-Vega, Karin Muglach, TAs</i>	Bldg 21 Rm 183

JUNE 7 • THURSDAY

9:00am – 9:45am	W Space Weather Effects on Satellites/Space Assets <i>Speakers: Yihua Zheng</i>	Bldg 21 Rm 183
9:45am – 10:15am	W SW tag-up and Break	Bldg 21 Rm 183
10:15am – 11:00am	W Assignments/Discussion/Feedback <i>Speakers: Yari Collado-Vega</i>	Bldg 21 Rm 183
11:00am – 11:10am	W Break	Bldg 21 Rm 183
11:10am – 12:00pm	W Introduction to the Aurora and Auroral Dynamics <i>Speakers: Robert Robinson</i>	Bldg 21 Rm 183
12:00pm – 1:30pm	W Lunch	.
1:30pm – 2:15pm	W GICs <i>Speakers: Antti Pulkkinen</i>	Bldg 21 Rm 183
2:15pm – 2:25pm	W Break	Bldg 21 Rm 183
2:25pm – 3:15pm	W Space Weather Forecasting Chains of Events <i>Speakers: Barbara Thompson</i>	Bldg 21 Rm 183
3:15pm – 4:00pm	W Introduction to Models at the CCMC <i>Speakers: Masha Kuznetsova</i>	Bldg 21 Rm 183
4:00pm – 5:00pm	W Assignment period <i>Moderators: Anna Chulaki, Yari Collado-Vega, Karin Muglach, Aleksandre Taktakishvili, TAs</i>	Bldg 21 Rm 183

JUNE 8 • FRIDAY

9:00am – 10:00am	W Part 1: CME Analysis with StereoCAT for Space Weather <i>Speakers: Karin Muglach</i>	Bldg 21 Rm 183
10:00am – 10:25am	W SW tag-up and Break	Bldg 21 Rm 183
10:25am – 11:50am	W StereoCAT CME measurement workshop <i>Moderators: Leila Mays, Anna Chulaki, Yari Collado-Vega, TAs</i>	Bldg 21 Rm 183
11:50am – 12:00pm	W Break	Bldg 21 Rm 183
12:00pm – 12:30pm	W Introduction to CCMC Space Weather Scoreboards <i>Speakers: Yari Collado-Vega, Leila Mays</i>	Bldg 21 Rm 183

12:30pm – 2:30pm

W Lunch with the CCMC team

GSFC Picnic Pavillion (3 min walk from Bldg. 21)

Sign up for sushi plate by end of Wed. or bring your own/cafeteria food.

2:30pm – 2:45pm

W Certificate Ceremony

Bldg 21 Rm 183

2:45pm – 3:00pm

W Bootcamp Survey

Bldg 21 Rm 183

3:00pm – 4:30pm

W Panel of GSFC Young Science Researchers

Bldg 21 Rm 183

Moderators: Yari Collado-Vega

Speakers: Katie Garcia-Sage, Silvina Guidoni, Colin Komar, Kyle Murphy, Nicki Viall

Panel of young scientists to speak about career development and different research areas of interest
