

TYPE - WEEK1 • JUNE 6 • TUESDAY

Space Weather Bootcamp 2017

A assignments **B** break **L** lecture **W** week1 **R** workshop/demo

JUNE 6 • TUESDAY

9:00am – 9:05am	W Introduction to the bootcamp <i>Speakers: Leila Mays</i>	Bldg 21 Rm 183
9:05am – 10:00am	L Introduction to Space Weather <i>Speakers: Antti Pulkkinen</i>	Bldg 21 Rm 183
10:00am – 10:15am	B SW tag-up and Break	Bldg 21 Rm 183
10:15am – 10:25am	W iSWA quick start <i>Speakers: Karin Muglach</i>	Bldg 21 Rm 183
10:30am – 11:15am	L Solar photospheric and coronal observations <i>Speakers: Karin Muglach</i>	Bldg 21 Rm 183
11:15am – 11:30am	B Break	Bldg 21 Rm 183
11:30am – 12:30pm	L Solar Flares <i>Speakers: Gordon Holman</i>	Bldg 21 Rm 183
12:30pm – 2:00pm	B Lunch	.
2:00pm – 2:20pm	L Solar Flare Monitoring for Space Weather <i>Speakers: Karin Muglach</i>	Bldg 21 Rm 183
2:20pm – 2:30pm	B Break	Bldg 21 Rm 183
2:30pm – 3:30pm	L CMEs & SEPs <i>Speakers: Nat Gopalswamy</i>	Bldg 21 Rm 183
3:30pm – 4:00pm	B Break	Bldg 21 Rm 183
4:00pm – 5:00pm	A Assignment Period <i>Helpers: Yari Collado-Vega, Karin Muglach</i>	Bldg 21 Rm 183

JUNE 7 • WEDNESDAY

9:00am – 9:45am	L Coronal holes and solar wind <i>Speakers: Karin Muglach</i>	Bldg 21 Rm 183
9:45am – 10:00am	B SW tag-up and Break	Bldg 21 Rm 183
10:00am – 10:45am	L Coronal Modeling with WSA and ADAPT <i>Speakers: Nick Arge</i>	Bldg 21 Rm 183
10:45am – 11:00am	B Break	Bldg 21 Rm 183
11:00am – 12:00pm	L Heliospheric Modeling with WSA-ENLIL+Cone <i>Speakers: Leila Mays</i>	Bldg 21 Rm 183
12:00pm – 1:30pm	B Lunch	.
1:30pm – 2:15pm	L Solar Cycle Predictions <i>Speakers: Dean Pesnell</i>	Bldg 21 Rm 183
2:15pm – 2:30pm	B Break	Bldg 21 Rm 183
2:30pm – 3:15pm	L Space Weather in Magnetosphere <i>Speakers: Yari Collado-Vega</i>	Bldg 21 Rm 183
3:15pm – 3:45pm	B Break	Bldg 21 Rm 183
3:45pm – 4:30pm	L Van Allen Radiation Belts <i>Speakers: David Sibeck</i>	Bldg 21 Rm 183
4:30pm – 5:00pm	A Assignment Period <i>Helpers: Yari Collado-Vega, Leila Mays, Karin Muglach</i>	Bldg 21 Rm 183

JUNE 8 • THURSDAY

9:00am – 9:45am	L Space Weather Radiation Effects on Spacecraft <i>Speakers: Yihua Zheng</i>	Bldg 21 Rm 183
9:45am – 10:00am	B SW tag-up and Break	Bldg 21 Rm 183
10:00am – 10:45am	L Space Weather in the Ionosphere <i>Speakers: Chigo Ngwira</i>	Bldg 21 Rm 183
10:45am – 11:00am	B Break	Bldg 21 Rm 183
11:00am – 12:00pm	L Introduction to the Neutral Atmosphere <i>Speakers: Erin Dawkins</i>	Bldg 21 Rm 183
12:00pm – 1:30pm	B Lunch	.
1:30pm – 2:15pm	L Introduction to the Aurora <i>Speakers: Elizabeth MacDonald</i>	Bldg 21 Rm 183
2:15pm – 2:30pm	B Break	Bldg 21 Rm 183
2:30pm – 3:15pm	W Example Forecasts of Space Weather Event Chains <i>Speakers: Yihua Zheng</i>	Bldg 21 Rm 183
3:15pm – 3:45pm	B Break	Bldg 21 Rm 183
3:45pm – 4:00pm	L Introduction to the DONKI Space Weather Database <i>Speakers: Leila Mays, Chiu Wiegand</i>	Bldg 21 Rm 183
4:00pm – 4:15pm	L Introduction to CCMC Space Weather Scoreboards <i>Speakers: Leila Mays</i>	Bldg 21 Rm 183
4:15pm – 5:00pm	L Prebiotic chemistry and atmospheric warming of early Earth by an active young Sun <i>Speakers: Vladimir Airapetian</i>	Bldg 21 Rm 183

JUNE 9 • FRIDAY

9:00am – 10:00am	L Part 1: CME Analysis with StereoCAT for Space Weather <i>Speakers: Leila Mays</i>	Bldg 21 Rm 183
10:00am – 10:15am	B SW tag-up and Break	Bldg 21 Rm 183
10:15am – 11:40am	W StereoCAT CME measurement workshop <i>Helpers: Yari Collado-Vega, Leila Mays, Barbara Thompson</i>	Bldg 21 Rm 183
11:40am – 12:00pm	W Bootcamp Survey & Break	Bldg 21 Rm 183
12:00pm – 12:30pm	W Certificate Ceremony	Bldg 21 Rm 183
12:30pm – 2:00pm	B Lunch	.
2:00pm – 4:00pm	B GSFC Tour (sign-up required)	.
4:00pm – 5:00pm	A Assignment Period <i>Helpers: Chigo Ngwira, Yihua Zheng</i>	Bldg 21 Rm 183