



Advanced InSAR Processing
ISCE, GIANT, AND STAMPS
UNAVCO HEADQUARTERS - BOULDER, CO
JUNE 29-JULY 2, 2015

UNAVCO, a non-profit membership-governed consortium, facilitates geoscience research and education using geodesy.

INSTRUCTORS:

- Eric Fielding, JPL
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Andy Hooper, University of Leeds
Zhong Lu, Southern Methodist University
Scott Baker, UNAVCO

MONDAY, JUNE 29 - 9:00AM - 5:00PM

Table with 2 columns: Time and Activity. Rows include: 8:15 Carpools to UNAVCO, 9:00-9:30 Introduction to InSAR Applications, 9:30-10:30 Software installation (ISCE + GIANT), 10:30-10:45 Break, 10:45-12:00 Time-series InSAR, 12:00-1:00 Lunch, 1:00-2:00 Single interferogram processing, 2:00-3:00 From a single interferogram to interferogram stacks, 3:00-3:15 Break, 3:15-5:00 ISCE - A modular InSAR processing library, 5:30 Carpool to Hotel.

TUESDAY, JUNE 30 - 9:00AM - 5:00PM

Table with 2 columns: Time and Activity. Rows include: 8:15 Carpools to UNAVCO, 9:00-10:15 Building own workflows with ISCE - Pt 1, 10:15-10:30 Break, 10:30-12:00 Building own workflows with ISCE - Pt 2, 12:00-1:00 Lunch, 1:00-3:00 Preview of GIANT, 3:00-3:15 Break, 3:15-5:00 GIANT Hands-on sessions, 5:30 Carpool to Hotel.



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WEDNESDAY, JULY 1 – 9:00AM - 5:00PM

8:15	Carpools to UNAVCO – meet in Lobby.....	Drivers: Agram/Hooper/Lu
9:00 – 10:30	Introduction to StaMPS, PS selection and hands-on session	Hooper
10:30 – 10:45	<i>Break</i>	
10:45 – 12:00	StaMPS phase unwrapping and hands-on session	Hopper
12:00 – 1:00	<i>Lunch</i>	
1:00 – 3:00	StaMP hands-on sessions continued	Hooper
3:00 – 3:15	<i>Break</i>	
3:15 – 5:00	StaMPS small baselines and hands-on session	Hooper
5:30	Carpool to Hotel.....	Drivers: Agram/Hooper/Lu

THURSDAY, JULY 2 – 9:00AM – 12 NOON

8:15	Carpools to UNAVCO – meet in Lobby.....	Drivers: Agram/Hooper/Lu
9:00 – 10:15	Introduction to StaMPS atmospheric correction toolbox (TRAIN).....	Hooper
10:15 – 10:30	<i>Break</i>	
10:30 – 11:30	TRAIN hands-on session	Hooper
11:30 – 12:00	InSAR product archive and request of DOIs	Baker