



BERKELEY LAB
LAWRENCE BERKELEY NATIONAL LABORATORY



Composites Workshop Overview and Planning

LBNL Composites Workshop
February 29-March 3, 2016

Monday, 29 February

Monday, 29 February 2016

09:00 - 12:30	Registration	▼
12:30 - 13:30	Lunch	
13:30 - 15:00	Introduction and Overview	▼
13:30	Introduction and Welcome 15' Speaker: Henrik von der Lippe	▼
13:45	Introduction to Composites 30' Speaker: Eric Anderssen Material: Slides 	▼
14:15	Micromechanics and Laminated Plate Theory 45' Speakers: Eric ANDERSSEN (LBNL), Neal Hartman Material: Slides 	▼
15:00 - 15:30	Coffee Break	
15:30 - 17:00	Elements of Fabrication	▼
15:30	Elements of Fabrication 1 1h0' Speaker: Neal Hartman	▼
16:30	Closeout 20' Speakers: Neal Hartman, Eric Anderssen	▼
17:00 - 19:00	Brew Pub Visit (Offsite - Jupiter)	

Tuesday, 1 March

Tuesday, 1 March 2016

08:00 - 08:30	Coffee & Donuts (B77A (101))	
08:30 - 12:30	Shop Session 1 Location: B77A	▼
12:30 - 13:30	Lunch	
13:30 - 15:00	Elements of Fabrication 2	▼
13:30	Elements of Fabrication II 30' Speaker: Joseph Silber	▼
14:00	Joining Techniques - Bonding 30' Speaker: Neal Hartman	▼
14:30	Joining Techniques - Bolting 30' Speaker: Joseph Silber	▼
15:00 - 15:30	Coffee Break	
15:30 - 17:30	Analysis & Modeling	▼
15:30	ESA Comp 30' Speaker: Andrea Catinaccio	▼
16:00	Ansys 30' Speaker: Diego ALVAREZ FEITO	▼
16:30	Thermal Modeling 30' Speaker: Silber Joseph	▼
17:00	Closeout 20' Speaker: Neal Hartman	▼

Tuesday, 2 March

Wednesday, 2 March 2016

08:00 - 08:30	Coffee & Donuts (B77A (101))	
08:30 - 12:30	Shop Session 2 Location: B77A (101)	▼
12:30 - 13:30	Lunch	
13:30 - 15:30	Materials & Specs	▼
13:30	Low Mass Prepreg Fabrication 30' Speaker: Steven Smith	▼
14:00	Discussion - How to Spec and Order Material 30' Speaker: Eric Anderssen	▼
14:30	Resin Systems 30' Speaker: Kendall Oblak	▼
15:00	Material Library, DB, QA 30' Speaker: Eric Anderssen	▼
15:30 - 16:00	Coffee Break	
16:00 - 17:20	Precision Assembly	▼
16:00	LBNL Methods for Precision Assembly 30' Speaker: Neal Hartman	▼
16:30	CERN Methods for Precision Assembly 30' Speaker: CERN	▼
17:00	Closeout 20' Speaker: Neal Hartman	▼
18:30 - 22:30	Workshop Dinner (Offsite)	

Wednesday, 3 March

Thursday, 3 March 2016

08:00 - 08:30 Coffee & Donuts (B77A (101))

08:30 - 11:30 Shop Session
Location: B77A (101)

11:30 - 12:30 Lunch

12:30 - 17:00 Prepregging Tour



Tuesday

- 8am – Breakfast
- 8h30 – Shop Session Starts
- B77A, will walk past now on way down the hill

Reminders

- Please confirm if you will be coming to the dinner on Wednesday Evening
- If you have already confirmed, please pay me \$100
- Please confirm if you will be taking the tour on Thursday afternoon

