

CHiMaD Phase Field Methods Workshop XXI

Rapid Solidification and Additive Manufacturing



November 3-5, 2026
Northwestern – Evanston, IL (Hybrid)

All Times in CDT - Tuesday, 11/3/2026

Time	Session
12:00PM – 01:00PM	Lunch
	Welcome and NIST Perspectives, Motivation of topic
01:00PM – 01:40PM	(Title TBA.) Balasubramaniam Radhakrishnan , Oak Ridge National Lab
01:40PM – 01:50PM	Talk 1 Discussion
01:50PM – 02:30PM	(Title TBA.) Kate Elder , Lawrence Livermore National Lab
02:30PM – 02:40PM	Talk 2 Discussion
02:40PM – 03:00PM	Break
03:00PM – 04:00PM	Lightning Talks
04:00PM – 04:20PM	Break
04:20PM – 05:30PM	Grain Growth Benchmark Updates Michael Tonks , University of Florida
05:30PM	Dinner

Wednesday, 11/4/2026

Time	Session
08:30AM – 08:55AM	Breakfast
08:55AM – 09:00AM	Welcome

09:00AM – 09:40AM [\(Title TBA. – Remote Talk\)](#)
Tatu Pinomaa, VTT, Finland

09:40AM – 09:50AM Talk 3 Discussion

9:50AM – 10:00AM Group Photo

10:00AM – 10:20AM Break

10:20AM – 11:00AM [\(Title TBA.\)](#)
Alain Karma, Northeastern University

11:00AM – 11:10AM Talk 4 Discussion

11:10AM – 11:30AM RS/AM Benchmark?

11:30AM – 12:00PM [PFHub Website Updates and Discussion](#)
Mythreyi Ramesh, University of Michigan

12:00PM – 01:00PM Lunch

01:00PM – 01:30PM [Phase Field Methods X AI](#)
Begum Gulsoy, Northwestern University

01:30PM – 02:10PM [\(Title TBA.\)](#)
Daniel Schwen, Idaho National Lab

02:10PM – 02:20PM Talk 5 Discussion

02:20PM – 02:40PM Break

02:40PM – 03:20PM [\(Title TBA.\)](#)
Sukriti Manna, University of Illinois Chicago / Argonne National Lab)

03:20PM – 03:30PM Talk 6 Discussion

03:30PM – 03:50PM Break

03:50PM – 05:30PM Lightning Talks

05:30PM Group Dinner

Thursday, 11/5/2026

Time	Session
08:30AM – 08:55AM	Breakfast
08:55AM – 09:00AM	Opening Remarks
09:00AM – 09:30AM	MatCore Metadata Standard for Phase Field Update (or other logistical discussion) (<i>Speaker, Institution</i>)
09:30AM – 10:00AM	TMS Engagement Recap and Discussion
10:00AM – 10:30AM	Break
10:30AM – 12:00PM	PF Recommended Practices Guide: Current Status and Future Work
12:00PM – 12:30PM	Lunch (to-go) and <i>Adjourn</i>