

Agenda

Phase Field Workshop X - Virtual

April 21-22, 2020

1.00PM-3.00PM CT / 2.00PM-4.00PM ET

Tuesday, April 21, 2020

1:00 PM CT

Welcome

Olle Heinonen

Deep Materials Informatics: Illustrative Applications of Deep Learning in Materials Science

Ankit Agrawal, Northwestern

1:40 PM CT

Semi-supervised learning approaches to class assignment in ambiguous microstructures

Vahid Attari, Texas A&M

2:20 PM CT

TBD

Mike Greenwood, NRCan

3:00 PM CT

Adjourn

Connect through ZOOM:

Topic: **PhaseFieldX - Day 1**

Time: Apr 21, 2020 01:00 PM Central Time (US and Canada)

Join Zoom Meeting

<https://northwestern.zoom.us/j/762250160?pwd=RmZaWk8ySzdZSkIPOWFsWjZ6a215Zz09>

Meeting ID: 762 250 160

Password: PFX

One tap mobile

+13126266799,,762250160#,,#906031# US (Chicago)

+19294362866,,762250160#,,#906031# US (New York)

Dial by your location

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+1 929 436 2866 US (New York)
+1 253 215 8782 US
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+1 346 248 7799 US (Houston)
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Meeting ID: 762 250 160

Password: 906031

Find your local number:

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Join by H.323

162.255.37.11 (US West)
162.255.36.11 (US East)
221.122.88.195 (China)
115.114.131.7 (India Mumbai)
115.114.115.7 (India Hyderabad)
213.19.144.110 (EMEA)
103.122.166.55 (Australia)
209.9.211.110 (Hong Kong)
64.211.144.160 (Brazil)
69.174.57.160 (Canada)
207.226.132.110 (Japan)
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Wednesday, April 22, 2020

1:00 PM CT **Welcome**
Olle Heinonen

Fitting free energy functions with neural networks
Daniel Schwen, INL

1:40 PM CT **Mesoscale Multiphysics Phase Field Simulator (MEMPHIS):
Recent progresses in phase-field modeling at Sandia National
Laboratories**
Remi Dingreville, Sandia

3:00 PM CT **Adjourn**

Connect through ZOOM:

Topic: **PhaseFieldX - Day 2**

Time: Apr 22, 2020 01:00 PM Central Time (US and Canada)

Join Zoom Meeting

<https://northwestern.zoom.us/j/181149646?pwd=K0J4bm1rbIFhSHAwYStUMTVRdWwrUT09>

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Password: 072523