










2015 CONFERENCE AGENDA

(Last Updated: June 16, 2015)





Sunday: August 2, 2015	
Time	Activity
9:00 am – 5:00 pm	Innovative Additive Manufacturing 3D Challenge (IAM3D) <ul style="list-style-type: none"> [Student design competition]
9:00 am – 5:00 pm	Innovative Design Simulation Challenge (IDSC) <ul style="list-style-type: none"> [Student design competition]
5:30 pm – 7:00 pm	Social Meet-up & Mini-talks for Early Career Engineers <ul style="list-style-type: none"> Networking opportunity for early career technical professionals.
9:00 am – 11:30 am	Workshop: How to Make 3D Printing Work for Your Company <ul style="list-style-type: none"> Mike Vasquez, <i>Founder, 3Degrees</i> (Inc. w/ Reg. / Sign-up Req.) Please visit website for additional workshops

Monday: August 3, 2015	
Time	Activity
8:00 am – 8:50 am	AM Industry Overview - Technology and Business Landscape <ul style="list-style-type: none"> A. John Hart, <i>Professor of Mechanical Engineering, MIT</i> Ivan Madera, <i>Chief Engagement Officer, MORF3D</i>
8:50 am – 9:40 am	Economics of an AM Strategy <ul style="list-style-type: none"> Zach Simkin, <i>President, Senvol</i> Tuan TramPham, <i>Sales Director, ARCAM</i>
9:40 am – 10:10 am Coffee Networking Break	
10:00 am – 10:50 am	AM Implementation <ul style="list-style-type: none"> W. Daniel Fraiser, <i>New Business Development., Fraser AIS</i> Mike Vasquez, <i>Founder, 3D Printing Reports</i>
10:50 am Exhibit Hall Opens + Poster Session 	
12:30 pm – 2:00 pm Keynote Luncheon For All Attendees Jason Lopes, <i>Lead Systems Engineer, Legacy Effects</i> Hod Lipson, <i>Professor / Author, Cornell</i>	
 	
2:00 pm – 2:50 pm	Design Methods: Candidate Part Selection <ul style="list-style-type: none"> Joe Manzo, <i>Executive Officer, Titan Industries</i> Frank Medina, <i>Senior Specialist, Materials Development, Arcam AB</i>

2:50 pm – 3:30 pm	Design Methods: 3D Product Definition Based Design & Multiphysics for AM <ul style="list-style-type: none"> Bryan Fischer, <i>President, MBD360</i> Brent Stucker, <i>Co-Founder, 3DSIM</i>
3:40 pm – 4:10 pm Coffee Networking Break 	
4:10 pm – 5:30 pm	PANEL: Standards, Pathways for Progress <i>Moderator: Darrell Wallace, Professor, Youngstown State University</i> <ul style="list-style-type: none"> Dave Edstorm, <i>Chief Technology Officer, Memex Automation</i> John Slotwinski, <i>AM Dev. Engineer, Johns Hopkins Applied Physics Lab</i> Jennifer Herron, <i>Owner, Action Engineering</i> Kevin Jurens, <i>Deputy Division Chief Intelligent Systems Division, NIST</i> Simin Zhou, <i>VP of Digital Manufacturing Technologies, UL</i> 
 6:00 pm – 9:00 pm Kennedy Center Reception (Transportation Provided) 	

Tuesday: August 4, 2015	
Time	Activity
8:00 am – 9:30 am	Born in Boston: Local AM Innovations Shaping the World <ul style="list-style-type: none"> Grant Thomas-Lepore, <i>Director of Products, GRABCAD</i> Ian Ferguson, <i>Lead Engineer, FormLabs</i> Daniel Oliver, <i>Co-Founder, Voxel8</i>
9:30 am – 10:20 am	Design Methods: CAD / CAE Tools <ul style="list-style-type: none"> David Rosen, <i>Professor CAE and Design, Georgia Tech</i> Gordon Kurtenbach, <i>Senior Director of Research, Autodesk</i>
10:20 am – 11:10 am	Design Methods: Topology Optimization <ul style="list-style-type: none"> Krishnan Suresh, <i>Associate Professor, University of Wisconsin, Madison</i> Wenjiong Gu, <i>Staff Research Engineer, United Technologies Research Center</i>
11:10 am – 11:40 am Coffee Networking Break	
11:40 am – 12:40 pm	Materials Design and Microstructures <ul style="list-style-type: none"> Wayne King, <i>Director of the Accelerated Certification of Additively Manufactured Metals Initiative, Lawrence Livermore National Laboratory</i> Meng Qu, <i>Research Scientist, Schlumberger</i>
12:40 pm – 2:00 pm Luncheon For All Attendees 	
2:00 pm – 3:00 pm	Case Studies: Industrial Applications of AM <ul style="list-style-type: none"> Roger England, <i>Director of Materials Engineering, Cummins</i> Brenan McCarragher, <i>Director, Draper Labs</i>
3:00 pm – 3:30 pm Coffee Networking Break 	
3:30 pm – 4:20 pm	AM Equipment Technology Review <ul style="list-style-type: none"> Tim Shinbara, <i>VP of Manufacturing Technology, AMT</i>

4:20 pm – 5:10 pm	PANEL: AM Roadmaps Moderator: David Rowatt, Research Director, Schlumberger <ul style="list-style-type: none"> John Wilczynski, Deputy Director of Technology Development, America Makes Todd Palmer, Professor Materials Science & Engineering, Penn State 
 5:30 pm – 8:00 pm Sponsor & Exhibitor Appreciation Reception 3D Printer Giveaway! Jonathan Jalgom, CEO, MakerBot (exhibit theatre) 	

Wednesday: August 5, 2015	
Time	Activity
8:00 am – 9:30 am	PANEL: AM Founders and Futurists Moderator: Tim Simpson, Professor, Penn State University <ul style="list-style-type: none"> Joseph Beaman, Professor, University of Texas, Austin David Rosen, Professor CAE and Design, Georgia Tech Chris Williams, Professor of Mechanical Engineering, Virginia Tech DREAMS Lab Brent Stucker, Professor / Co-Founder, University of Louisville / 3DSIM  
9:30 am – 10:20 am	(IDETC) AM Research: Technologies of Tomorrow Speaker(s) To Be Named
10:20 am – 10:50 am	AM Validation & Verification: Part 1 <ul style="list-style-type: none"> Jack Beuth, Professor of Mechanical Engineering, Carnegie Mellon University Don Godfrey, Engineering Fellow-Advanced Manufacturing Eng., Honeywell Aerospace
10:50 am – 11:20 am Coffee Networking Break	
11:20 am – 12:30 pm	AM Validation & Verification: Part 2 <ul style="list-style-type: none"> Marcin Bauza, Director New Technology & Innovation, Carl Zeiss IMT Brad Etter, US Sales Manager, Alicona
12:40 pm – 3:30 pm	Workshop: America Makes Workforce/Education Roadmapping <ul style="list-style-type: none"> Education and training needs for AM workforce development This is a special <i>by invitation-only</i> session Lunch to be provided 
12:30 pm	** AM3D 2015 Concludes **
(3:00 pm – 5:00 pm) Tour of MIT Labs 	

Note: Full registration includes access to all AM3D / [IDETC](#) / [CIE](#) conference session (including workshops and tutorials) at no additional cost. Please see website for program details.

All **FULL Conference Registrants** will automatically be entered into a drawing to win a 3D Printer (Form1+). An additional 3D Printer (MakerBot Mini) will be raffled off to any attendee who completes the **exhibit passport card** at this year's conference exhibition.

Questions?

Email: Israr Kabir@ kabiri@asme.org

[CLICK TO REGISTER!](#)

go.asme.org/3Dprinting

#AM3D