

Additive Manufacturing / 3D Printing Standards Forum



Formnext 2019, Tues., November 19, 2019, Portalhaus/Room Transparenz 1/ Frankfurt Messe

Leading experts from industry, research institutions, standards development organizations, professional societies, and government will address key themes focused on standards development in Additive Manufacturing (AM)/3D Printing technologies. The event will focus on recent progress in the development and use of international standards for AM/3D printing and how the use of these standards can help this burgeoning industry achieve its promised potential. Participants will also learn about the latest progress leading SDOs made within the last year in the field of standardization and which publications they can expect from 2020. Panelists will discuss opportunities to participate in future discussions as well as helping develop standards themselves.

Schedule (all times p.m.):

Event language: English

2:00-2:15 Opening Statements

- Moderator: Carl Dekker, President, Met-I-flo Inc; President, Additive Manufacturing Users Group (AMUG)
- John Fay, Commercial-Counselor and Deputy Senior Commercial Officer, U.S. Commercial Service Germany and Central Europe Region, U.S. Embassy Berlin
- Dr. Thomas Zielke, Head of Division, Industry Standards, Technology Transfer, Patents, Federal Ministry for Economic Affairs and Energy

2:15-3:30 International Collaboration Efforts on Additive Manufacturing Standards

An overview of the AM Standards landscape featuring European and U.S. perspectives; the varying roles and perspectives from standards development stakeholders, such as the ISO/TC 261 and F42 technical committees (Partner Standards Development Organizations); collaboration between ISO/TC 261 and CEN/TC 438 (established through the Vienna Agreement); identifying critical gaps in current global standards; indicating how industry will benefit by using existing standards.

- *Current work program and Standards Development program of ISO TC261 and ASTM F42*
 - Prof. Dr. Christian Seidel, Chairman ISO TC261
 - Pat Picariello, Director, Developmental Operations ASTM F42
- *Update on ASME activities and AM Medical Standards*
 - Lauralyn McDaniel, ASME
- *European Perspective on Standardization in AM*
 - Eric Baustert, Chairman CEN TC 438 "Additive Manufacturing"
 - Olivier Coissac, Secretary CEN TC 438 "Additive Manufacturing"

3:30 - 3:45 Break

3:45 - 5:00 Industry Discussion-Utilizing AM Technology and the Impact of Standards

Technical experts from a variety of industries will analyze opportunities and gaps in current standards development activities. Industry representatives

- *Company Representatives*
 - Machine Manufacturer: Dr. Leonhard Klein, GE Additive
 - Automotive: Dr. Robert Ramakrishnan, BMW
 - General/Materials: Richard Grylls, Carpenter Technology Corporation
 - General: Stefan Ritt, 3YOURMIND

5:00 Concluding Remarks and Adjournment

- Moderator: Carl Dekker, President, Met-I-flo Inc; President, Additive Manufacturing Users Group (AMUG)

5:15 - 7:00 Networking Event

Co-hosted by GE Additive
Halle 11.0, Stand D31

Target Audience:

Representatives of U.S. & EU standards development organizations; U.S., European and other international companies; industry associations; government.