

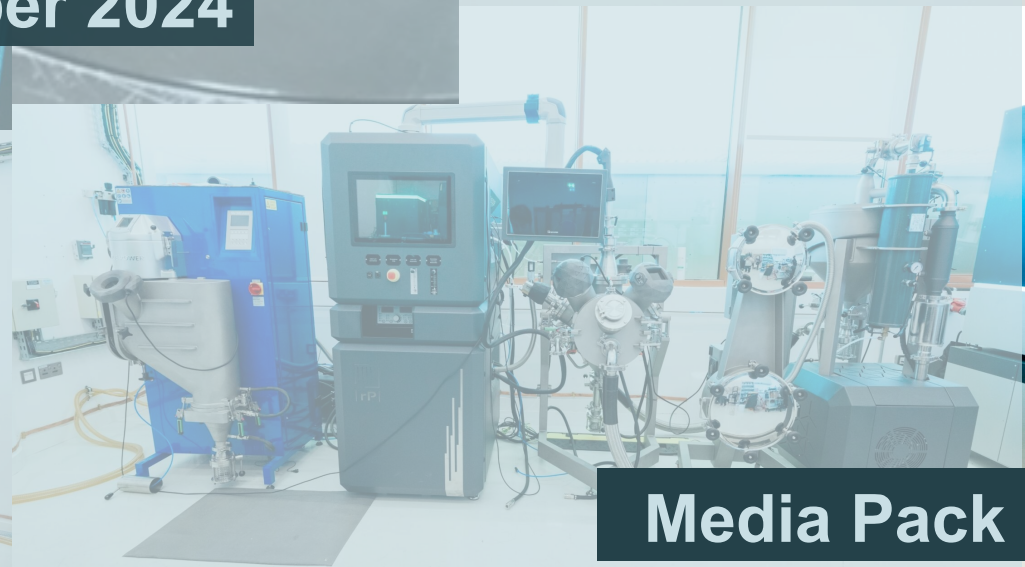
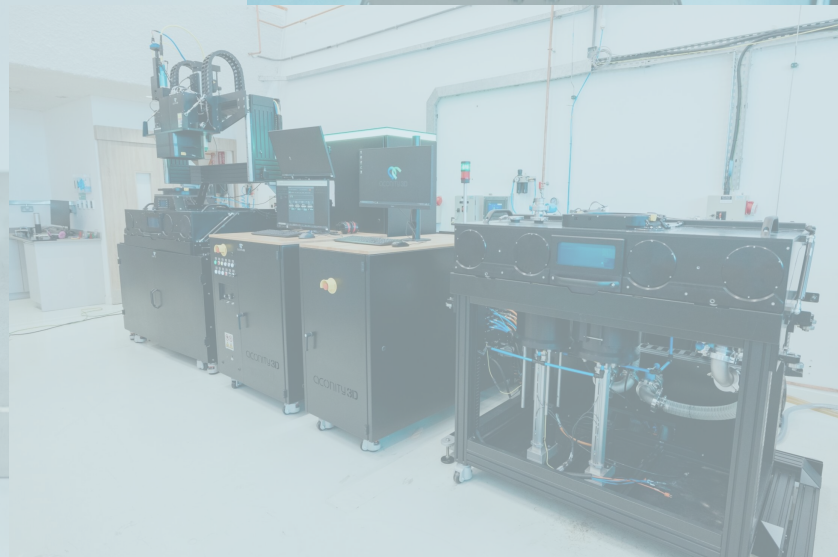
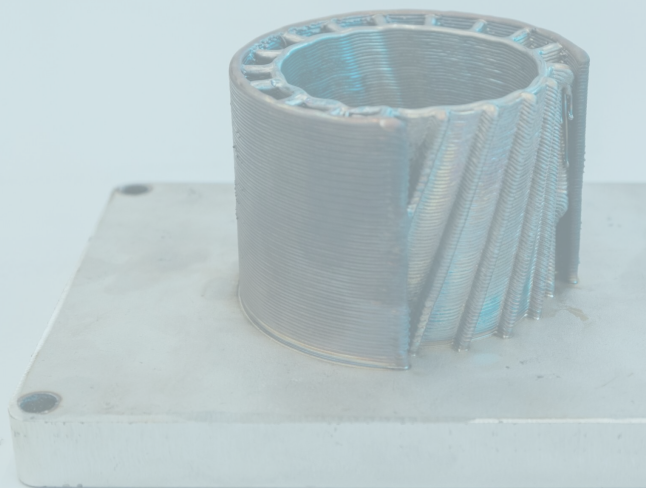


3rd Additive Manufacturing the Future

Hosted by the Technology Innovation Institute

Hilton Abu Dhabi Yas Island, Abu Dhabi, UAE

Monday 7th and Tuesday 8th of October 2024



Media Pack

3rd Additive Manufacturing the Future Event

technology
innovation
institute

About

'Additive Manufacturing the Future AMtF' is an annual conference series that started back in 2022. Organized by the Technology Innovation Institute, an R&D company in Abu Dhabi, UAE, the event has become a fixture in the calendars of the AM ecosystem in the region and beyond.

In 2024, AMtF will be stronger and larger. The event will span over two days packed with talks, competitions, and exhibition space to further strengthen the AM ecosystem in the region bringing together the brightest minds, the AM practitioners, and those who want to learn about AM under one roof for a more exciting networking opportunity .



3rd Additive Manufacturing the Future Event

technology
innovation

Previous Speakers Include:



3rd Additive Manufacturing the Future Event

technology
innovation

Previous Delegates Include:



3rd Additive Manufacturing the Future Event

technology
innovation

Key Figures AMtF 2022



Conference Speakers

10



Attendees

96

'Additive Manufacturing the Future' Program

19th of May, 2022

Park Hyatt Hotel & Villas, Abu Dhabi, UAE

9:00 – 9:10 am	Opening remarks and Introduction
9:10 – 9:35 am	Nesma Aboulkhair, Technology Innovation Institute, UAE <i>The state-of-the-art of additive manufacturing activities at the Technology Innovation Institute</i>
9:35 – 10:10 am	Richard Hague, University of Nottingham, UK <i>Beyond Structure – enabling 21st Century products through the 3D Deposition of Function Materials</i>
10:10 – 10:25 am	Coffee Break <i>Including a selection of freshly brewed coffees, teas, juices, mineral water and a selection of pastries, cookies and fruits</i>
10:25 – 11:00 am	Oraib Al-Ketan, New York University Abu Dhabi, UAE <i>Computational and experimental mechanical characterization of modern cellular materials</i>
11:00 – 11:35 am	Moataz M. Attallah, University of Birmingham, UK <i>Additive manufacturing of functional metallic materials</i>
11:35 – 12:35 pm	Lunch Break <i>A lunch buffet will be served</i>
12:35 – 1:10 pm	Mourad Montasser, CRP Gulf, UAE <i>High Performance Composites for Additive Manufacturing</i>
1:10 – 1:45 pm	Rafael Santiago, Technology Innovation Institute, UAE <i>Impact loadings on additive manufacturing lattices structures</i>
1:45 – 2:20 pm	Manyalibo J. Matthews, Lawrence Livermore National Laboratory, USA <i>Advancing Process Control Additive Manufacturing of Metals</i>
2:20 – 2:35 pm	Coffee Break <i>Including a selection of freshly brewed coffees, teas, juices, mineral water and a selection of pastries, cookies and fruits</i>
2:35 – 3:10 pm	Maria Teresa Perez Prado, IMDEA Materials Institute, Spain <i>Microstructural design by additive manufacturing</i>
3:10 – 3:45 pm	Marco Simonelli, University of Nottingham, UK <i>A new class of lightweight alloys enabled by laser powder bed fusion: from alloy design to material development</i>
3:45 – 4:00 pm	Sanin Zulic, HiLase, Czech Republic <i>Enhancing service life of Metal Additive Manufactured parts by Laser Shock Peening</i>
4:00 – 4:05 pm	Closing Remarks

3rd Additive Manufacturing the Future Event

technology
innovation

Key Figures AMtF 2023



Conference Speakers

13



Attendees

148

'Additive Manufacturing the Future' Programme

27th of April 2023

Venue: W, Abu Dhabi, UAE

09:00 – 09:15

Opening remarks and Introduction

09:15 – 09:35

Nesma Aboulkhair, Technology Innovation Institute, UAE

Unlocking the potential in laser powder bed fusion additive manufacturing

09:40 – 10:00

Josefine Lissner and Lin Kaiser, Leap 71, UAE

Creating the Physical Future of Humankind through Computational Engineering and Integrated Digital Manufacturing - or - From code to Aerospike"

10:05 – 10:25

Wesley Cantwell, Khalifa University, UAE

The Energy-absorbing Properties of Additively-manufactured Plate Lattice Structures

10:30 – 10:50

Dermot Brabazon, Dublin City University, Ireland

Digitisation of metal AM for part microstructure and property control

10:55 – 11:10

Coffee Break

11:10 – 11:30

Aijun Huang, Monash Center for Additive Manufacturing, Australia

Uplifting Creep performance of additively manufactured Ni-based superalloy

11:35 – 11:55

Federico Bosio, Technology Innovation Institute, UAE

Enabling the next-generation alloys for Laser Powder Bed Fusion through computational design and experimental approaches

12:00 – 12:20

Annalisa Pola, University of Brescia, Italy

Title: TBC

12:30 – 14:00

Lunch Break

14:00 – 14:20

Ruaridh Mitchinson, National Center of Additive Manufacturing, Manufacturing Technology Centre MTC, UK

Understanding the opportunities and challenges building large parts in PBF-LB

14:25 – 14:45

Barrie Finnin, AMAERO Additive Manufacturing, Australia

Understanding the cost drivers of Metal AM

14:50 – 15:10

Daniel France, BEAMIT SpA, Italy

Industrial Adoption of Additive Manufacturing (3D Printing)

15:15 – 15:30

Coffee Break

15:30 – 15:50

Markus Glasser, EOS GmbH, Germany

Efficient Energy Solutions are globally of highest importance and fit perfectly to AM as THE manufacturing technology – why?

15:55 – 16:15

Pawan Kumar Chandana, Skyroot Aerospace, India

Metal Additive Manufacturing for Space Launch Vehicles

16:20 – 16:25

Alberto Bordin, ASTM AM Center of Excellence, UK

State of Standardization and Research in the Advanced Manufacturing Arena

3rd Additive Manufacturing the Future Event

technology
summit 2024

Sponsor & Exhibitor Packages

Platinum Sponsor

\$ 10,000.00

Complimentary exhibit booth:
6 x 3 m²

- Company logo on advertising submitted by email, web and print media
- Prominent branding at the event
- Participate in speakers' only tour of TII's facilities
- Nominate a speaker and / or panelist for the conference
- 1- minute video to play on the main stage after each break

Gold Sponsor

\$ 7,000.00

Complimentary exhibit booth:
3 x 3 m²

- Company logo on advertising submitted by email, web and print media
- Prominent branding at the event
- Participate in speakers' only tour of TII's facilities
- Nominate a panelist for the conference

Silver Sponsor

\$ 5,000.00

Complimentary exhibit booth:
2 x 2 m²

- Company logo on advertising submitted by email, web and print media
- Prominent branding at the event
- Participate in speakers' only tour of TII's facilities

Exhibitor only

\$ 3,500.00

Exhibit booth:
2 x 2 m²

- Participate in speakers' only tour of TII's facilities

3rd Additive Manufacturing the Future Event

technology
innovation

Contact Us

For queries regarding participating at AMtF24, reach out to:

Dr Nesma Aboulkhair

E-mail: nesma.aboulkhair@tii.ae

Ms Hend Alqaydi

E-mail: hend.alqaydi@tii.ae