

nanoMAT^{3D}

Workshop on Nanomaterials for 3D Printing

Announcement

CNT Innovation in conjunction with its sister company, **Cambridge Nanomaterials Technology Ltd (CNT)**, are organising the **Nanomaterials for 3D Printing 2020 Workshop (nanoMAT^{3D})**

Date: 13th October 2020

Time: 08:30 – 12:30 (GMT)

Venue: ZOOM Digital Platform



The Nanomaterials for 3D Printing 2020 Workshop (nanoMAT^{3D}) has the aim to support commercialisation of use of nanomaterials in development of polymer and metal based composite technologies for additive manufacturing. The Nanomaterials for 3D Printing Workshop would be an opportunity to learn about progress in development of nanomaterials, new additive manufacturing technologies and progress in use of nanomaterials in additive manufacturing applications. It is also a platform to bring together technology development leaders and industrial end-users in order to exchange experience between technology developers in industry and researchers in academia working on nanomaterials and additive manufacturing. **Cambridge Nanomaterials Technology Ltd** held the 1st **nanoMAT^{3D}** in on the 10th -11th July 2019 at Wolfson College, in Cambridge, UK. Around 50 people participated in this workshop, coming from leading manufacturing and research organisations such as: ARUP, ArcelorMittal, Prysmian Group, RTE France, Mitsubishi Heavy Industries Europe, Additive Industries b.v. Aurubis, MBDA, Leitat Technological Centre, Eurecat, Coatema, E.G.O. Elektro-Gerätebau, Brunel Innovation Centre, TWI, Haydale, IMDEA and universities: National University of Singapore, University of Surrey, University of Cambridge and UCL, among others.

Delegates and speakers who have confirmed their participation to this workshop are coming from: **Rolls Royce, Whirlpool Corporation, LEITAT, ACCIONA, ArcelorMittal, European Synchrotron (ESRF), Lucideon, IPC - Innovation Plasturgie Composites, Mesa Consult, AM 4 AM, Eurecat, Hummink, EMPA and CIC nanoGUNE,**

NanoMAT^{3D} Workshop Preliminary Programme

The preliminary programme for the workshop is as follows:

- Dr Claude Becker, **Mesa-Consult**, Luxembourg – “*Superhydrophobic surfaces achieved by soft atmospheric plasma polymerization: towards tunable wettability*”
- Dr. Ennio CAPRIA, Deputy Head of Business Development, **European Synchrotron (ESRF)** France – “*How the use of synchrotron characterisation can help addressing the grand challenges of Metals Additive Manufacturing*”
- Dr Maxime Delmée, **AM 4 AM**, Luxembourg – “*High Mechanical Strength Aluminium for Additive Manufacturing*”
- Dr Amin M'BARKI, CEO and Co-Founder, **Hummink**, France – “*Hummink - Additive manufacturing at the nanoscale*”
- Luis Clemente, COO 3D Printing, Construction, **ACCIONA**, UEA – “*Concrete Large-Scale 3D Printing. A New Era in Construction and Architecture*”.
- Dr Amina Bolarinwa, Senior Materials Engineer, Lucideon Ltd, UK. –
- Marc Crescenti., **Eurecat**, Spain - CFIP technology: a new approach for manufacturing continuous carbon fibre reinforced structures by 3D printing
- Amro Satti, **LEITAT**, Spain

The workshop is planned to finish with a panel discussion.

The full programme can be found at the CNT Innovation website: http://www.cnt-innovation.com/nanomat3d_workshop

Registration fees:	Registration fees include:
Delegate Registration: €150.00	<ul style="list-style-type: none"> access to meeting and delegate documents



The **Nanomaterials for 3D printing Workshop (nanoMAT^{3D})** is designed as a platform to support nanomaterials and additive manufacturing producers, application developers and end-users, in development of technologies based on use of nanomaterials for 3D printing. The aim is to identify commercialisation barriers and opportunities and facilitate development of the supply chain.

If you are interested in speaking or participating at the **Nanomaterials for 3D printing Workshop** you could get more information about the workshop including **registration form** and **agenda** by sending an email to: info@cnt-innovation.com or info@cnt-ltd.co.uk. You can also download them from the CNT Innovation website: http://www.cnt-innovation.com/nanomat3d_workshop/