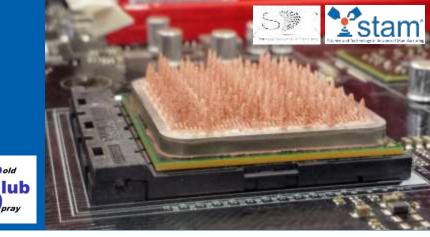


#### **Trinity College Dublin** Coláiste na Tríonóide, Baile Átha Cliath The University of Dublin



### **Revolutionizing Materials in Additive Manufacturing: Exploring Copper-Graphene Composites with Cold Spray Technique**

Presenter: Siyuan Ruan<sup>[1]</sup>

Acknowledgment: Prof. Shuo Yin<sup>[1]</sup>, Prof. Rocco Lupoi<sup>[1]</sup>,

Dr. Apostolos Koutsioukis<sup>[2]</sup>, Prof. Valeria Nicolosi<sup>[2]</sup>, Prof. Sergi Dosta<sup>[3]</sup>

Date 26/04/2024



Funded by the European Union

## **EIC Pathfinder Project - ThermoDust**

Stub ThermoDust

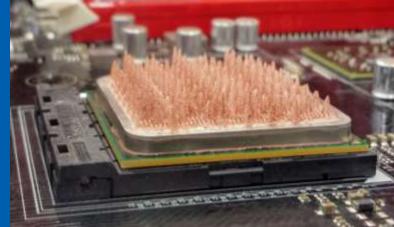




#### **Trinity College Dublin** Coláiste na Tríonóide, Baile Átha Cliath The University of Dublin

This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101046835.





Siyuan Ruan

ruans@tcd.ie

Our project website: www.thermodust.eu

in https://www.linkedin.com/groups/9382516



European Innovation Council



[HORIZON-EIC-2021-PATHFINDEROPEN-01-01, Project number: 101046835]



#### **Trinity College Dublin** Coláiste na Tríonóide, Baile Átha Cliath The University of Dublin

# **Acknowledgement & Reference**

[1] Department of Mechanical, Manufacturing and Biomedical Engineering, Parsons Building, Trinity College Dublin, Dublin 2, Ireland

[2] School of Chemistry, CRANN, Trinity College Dublin, Dublin 2, Ireland

[3] Department of Materials Science and Metallurgical Engineering, University of Barcelona

[4] Mechanical & Electrical Engineering, University of Twente

[5] Department of Mechanical Engineering, Politecnico di Milano, Italy

[6] Department of Gaseous Electronics, "Jožef Stefan" Institute, Jamova cesta 39, 1000 Ljubljana, Slovenia

[7] Saidin, N. et al. (2013) 'Aq-switched thulium-doped fiber laser with a graphene thin film based saturable absorber', Laser Physics, 23(11), p. 115102.



[HORIZON-EIC-2021-PATHFINDEROPEN-01-01, Project number: 101046835]

Siyuan Ruan ruans@tcd.ie

Our project website: www.thermodust.eu

https://www.linkedin.com/groups/9382516