



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 801464.

The information included in this leaflet reflects only the Consortium Partners' view and the Research Executive Agency & the European Commission are not responsible for any use that may be made of this information.



SPRINT

Ultra-versatile Structural **PRINT**ing



creative nano

SPRINT Final Event | Wednesday 22nd of February 2023

CET Time	Presentation Title	Presenter	Affiliation
9:30 - 9:40	Welcome, Opening of workshop	Dr. Alexandros Zoikis Karathanasis	Creative Nano, Director
9:40 - 10:10	SPRINT: pushing Thin Film Deposition to the next level	Dr. David Muñoz-Rojas*	CNRS, Laboratoire des Matériaux et du Génie Physique, Grenoble, France
10:10 - 10:30	Microfluidic technologies as an advanced tool for chemistry and materials synthesis	Prof. Josep Puigmartí-Luis*	Departament de Ciència dels Materials i Química Física, Institut de Química Teòrica i Computacional
10:30 - 10:50	Integration of micro-engineered gas printing system in automated 3D-printing unit-SPRINT project	Mrs. Matina Karakitsiou	Center for Technology Research and Innovation Ltd
10:50 - 11:10	Simulation and optimization of microscale gas nozzles for controlled diffusion/reaction in spatial atomic layer deposition heads	Dr. Tiago Sotto Mayor*	Faculty of Engineering, Porto University, Porto, Portugal
11:10 - 11:30	Flow-focusing for spatially controlling diffusion/reaction processes in confined spaces	Mr. João P. Vale*	Faculty of Engineering, Porto University, Porto, Portugal
11:30 - 11:45 Coffee Break			
11:45 - 12:00	Catalytic applications with MOFs	Dr. Alexios Grigoropoulos	Creative Nano P.C.
12:00 - 12:20	"MOF Composite Films: From GAGs@MOFs to enzymes@MOF"	Dr. Miriam Velasquez*	Graz University of Technology, Institute of Physical and Theoretical Chemistry
12:20 - 12:40	Reticular Synthesis of Novel Metal-Organic Frameworks for Energy Related Applications	Prof. Pantelis Trikalitis*	University of Crete, School of Sciences & Engineering, Department of Chemistry
12:40 - 13:00	Nanoencapsulation and MOF Formulations for Controlled Release of Anticancer Drugs	Prof. Dimitris Bikiaris	Aristotelio University of Thessaloniki, Department of Chemistry, Laboratory of Polymer and Colors Chemistry and Technology
13:00 - 13:20	Market Analysis and Patent Mapping on SPRINT Project	Mrs. Vasiliki Galiotou	Creative Nano P.C.
13:20 - 14:00	Closure of Workshop – Round Table Discussion		

* Presenters will provide a remote presentation.

VENUE

ADDRESS:

Tatoiou 43,
Metamorfofi 144 51

CONTACT PHONE:

(0030) 21 1402 0804

www.creativenano.gr

LINK FOR ONLINE PARTICIPATION
<https://teams.microsoft.com>



INVITED SPEAKERS:

