

PM in Energy seminar - Agenda

2 June 2026

Organisers EPMA, 3D Print	Venue EUREXPO Lyon - Hall 7 Boulevard de l'Europe (Visitor Entrance) 69686 Chassieu, France
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Day 1: 2 June, Tuesday

Session 1: PM-HIP & Materials			
09.00	Welcome & Registration + EPMA Presentation	BV/HY	EPMA
09.30	PM-HIP: Shaping the Next Generation of Nuclear Reactors	Ian Tough	Bodycote HIP
10.00	The positive effect of low oxygen content in SA508 PM HIP steel for the material characteristics in large components	Irma Heikkila	Swerim
10.30	Break (30 minutes)		
11.00	Development of 718 Nickel Superalloy Via PM-HIP For Energy Application	Xinjiang Hao	Globus Metal Powders
11.30	High conductive copper alloys for structural high-heat flux applications	Nerea Ordás	Ceit
12.00	Framatome Advanced and Additive Manufacturing: a focus on HIP developments and industrialisation	Louis LEMARQUIS	Framatome
12.30	Lunch Break (1.5 hour) + Group Photo		
Session 2: Powders, Quality & Sustainability			
14.00	The link between powder cohesiveness and spreadability evaluated through multi-layer analysis	Filip Francqui	Granutools
14.30	The Qualified Additive Manufacturing Supply Chain 100% reproducibility for regulated industries	Gregor Reischle	Qualified AM
15.00	Atomization and strip casting of high-quality alloys for energy applications	Jürgen Cornelius	INTECO melting and casting tech
15.30	Coffee Break (15 minutes)		
15.45	AI-Enhanced Digital Twins for Optimising HIP Processing of PM and AM Components in Energy Applications	Yan Liu	Simtec Soft
16.15	Innovative Manufacturing at EDF/UTO: Addressing Supply Chain and Maintenance Challenges in the Nuclear Fleet	Florent MARTIN	EDF
16.45	Panel discussion: PM & AM for Reliable Energy Systems—From Powder to Qualified Parts		
17.45	End of the Day 1		

PM in **Energy / Automotive** seminar - Agenda

3 June 2026

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Day 2: 3 June, Wednesday (Morning)

Session 3: Digitalisation, Qualification & Energy Systems			
9.00	Tailor-Made Approaches to Enhance Tool Longevity and Reduce Environmental Impact	Aydın Şelte	Uddeholms AB
09.30	Bridging Powder Metallurgy and AI: Towards Industrial Metal Hydride Storage and Compression Systems	Tobias Boschmann	Johnson Electric Aachen
10.00	Impact of Powder Recycling and Process Improvements in LPBF on Sustainability	Théo Warembourg / Timothée DELACROIX	Nikon SLM Solutions
10.30	Coffee Break (15 minutes)		
10.45	Additive Manufacturing in the Energy Sector: Adoption, Applications and current Challenges	Benjamin Haller	AM Academy
11.15	Metallic material development for energy applications	Stefano LIONETTI	RINA
11.45	Overview of CEA activities in metal (and ceramics) additive manufacturing	Olivier Doyen	CEA
12.15	Sum up & Closing Remarks - End of Energy Session - Lunch Break		

Day 2: 3 June, Wednesday (afternoon): PM in **Automotive** seminar

Session 1: E-Drive Powertrain & Components			
14.00	PM Gear Solutions for E-Drive Transmission Systems	Philipp Scholzen	Höganäs
14.30	Advances in the manufacturing of high-performance anisotropic sintered Nd-Fe-B magnets for electric vehicles using recycled material	Jose Manuel MARTIN	Ceit
15.00	Metal Bonded Magnets for Rugged High RPM Motors	Ted TSOULOS	EPoS Technologies
15.30	Coffee Break (15 minutes)		
15.45	Metal powder surface coating of automotive brake disc rotors for EURO-7 compliance	Paul DAVIES	Wall Colmonoy
16.15	Revolutionising Design and Manufacturing in Automotive forever	Ralf Frohwerk	Nikon SLM Solutions
16.45	Panel discussion: PM & AM for Next-Generation Automotive Systems: Scaling Performance, Precision, and Production		
17.45	End of the Day 2		

PM in **Automotive** seminar - Agenda

4 June 2026

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Day 3: 4 June, Thursday

Session 2: Production Systems, Tooling & Industrialisation			
9.30	The effect of milling strategies on surface integrity of PH17-4 produced by additive manufacturing DED	Anna BARRERO PIJOAN	EURECAT
10.00	Innovative Die and Mold Strategies for Automotive Quality	Aydın Şelte	Uddeholms AB
10.30	Break (30 minutes)		
11.00	Cost-Benefit Analysis and Automation Strategies for High Volume Sintering of Permanent Magnets	Giorgio Valsecchi	TAV VACUUM FURNACES
11.30	Student Spotlight: Multi-domain optimisation for global efficiency in the ONYX project	Calixte Aboussouan/ Jules Turpain	iDrogen ESTACA
12.00	EPMA Presentation	BV/HY	EPMA
12.30	Lunch Break (1.5 hour) + Group Photo		
Session 3: AM Materials & Processes			
14.00	Driving Precision: Lithography-Based Metal Manufacturing for Advanced Automotive Components	Denise Mödder	Incus GmbH
14.30	From raw material to high-performance components: Cemented carbide additive manufacturing for industrial applications	Alexis ROUSSEL	CERATIZIT Luxembourg
15.00	AI-Driven Materials Innovation for Automotive Manufacturing: AM, Die Casting, Tool Steels (case studies)	Shixin Nie	Acc Material Technology
15.30	Coffee Break (15 minutes)		
15.45	Key Requirements and Strategic Challenges of Permanent Magnets in the Automotive Sector	Fabio MUTA	CRF Stellantis
16.15	Exhibition		
17.00	Sum up & Closing Remarks - End of Automotive Session		