

# Workshop on ADDITIVE MANUFACTURING

## 19 July 2022

Time (BST)	Topic / Presenter
08:45 - 09:00	<b>Welcome &amp; Introduction</b> Ana Sofia Ramos Universidade de Coimbra, CEMMPRE, Coimbra, Portugal
09:00 – 09:50	<ul style="list-style-type: none"> <li>• <b>Lecture 1</b></li> </ul> <i>Introduction and basic concepts, principles and technologies of AM</i> Andrea Zocca Bundesanstalt für Materialforschung und prüfung (BAM), Berlin, Germany
09:50– 10:40	<ul style="list-style-type: none"> <li>• <b>Lecture 2</b></li> </ul> <i>AM of plastics</i> António Pontes Universidade do Minho, IPC, Guimarães, Portugal
10:40 – 11:00	Coffee Break
11:00 – 11:50	<ul style="list-style-type: none"> <li>• <b>Lecture 3</b></li> </ul> <i>AM of metals</i> Michael Norda Fraunhofer IFAM, Bremen, Germany
11:50 – 12:40	<ul style="list-style-type: none"> <li>• <b>Lecture 4</b></li> </ul> <i>AM of ceramics</i> Begona Ferrari Ceramic and Glass of the Spanish research council (CSIC), Madrid, Spain
12:40 – 14:00	Lunch Break
14:00 – 14:40	<ul style="list-style-type: none"> <li>• <b>Case Study I</b></li> </ul> <i>Additive manufacturing as the solution for new cooling system for plastic injection moulds</i> Maria Teresa Vieira, Universidade de Coimbra
14:40 – 15:10	<ul style="list-style-type: none"> <li>• <b>Case Study II</b></li> </ul> <i>Slurry and powder-based additive manufacturing of industrial ceramics</i> José Martinho Oliveira, Universidade de Aveiro
15:10 – 15:40	<ul style="list-style-type: none"> <li>• <b>Case Study III</b></li> </ul> <i>Development of new WAAM variants for in-situ microstructure control</i> João Pedro Oliveira, Universidade Nova de Lisboa
15:40 – 16:00	Coffee Break
16:00 – 17h45	<b>Round Table</b> Opportunities on AM <b>Moderator:</b> Jorge Lino Alves (President of the Portuguese Materials Society)