

Integrated research and teaching system for the implementation of additive technologies BPI/PST/2021/1/00092

Workshop No. 2.2.:

Optimisation of process parameters in different additive technologies

	Monday	Tuesday	Wednesday	Thursday	Friday
	15.05.2023	16.05.2023	17.05.2023	18.05.2023	19.05.2023
10:00	Registration & Welcome Ceremony Lecture: <i>Introduction to 3D printing in medicine</i>	Lecture: Process parameters in <i>Laser Powder Bed Fusion 3D (LPBF) printing</i>	Lecture: Process parameters in <i>Laser Powder Bed Fusion 3D (LPBF) printing</i>	Lecture: Process parameters in <i>Vat polymerisation (VP)</i>	Practice: Characterisation of 3D printed samples with different process parameters
11:00	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
11:30	Lecture: <i>Laser Powder Bed Fusion 3D (LPBF) printing</i> Lecture: <i>Vat polymerisation (VP) 3D printing</i>	Practice: Realizer LPBF 3D printing with different process parameters Characterisation of 3D printed samples with different process parameters	Practice: EOS LPBF 3D printing with different process parameters Characterisation of 3D printed samples with different process parameters	Practice: SLA 3D printing with different process parameters DLP 3D printing with different process parameters	Discussion and summary of the workshop: Conclusion on the importance of process parameters in the additive technologies
14:00	Lunch	Lunch	Lunch	Lunch	Lunch
15:00	End of the Workshops' day	End of the Workshops' day	End of the Workshops' day	End of the Workshops' day	End of the Workshops' day

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