



Blended Intensive Program (BIP) Program

“Additive Manufacturing: Design and Processing”

Sunday 15/09/24	Arrival day - Start of the program
Monday 16/09/24	09:00-09:15 (Γ Auditorium) Morning coffee
	09:15-10:00 (Γ Auditorium) Welcome by the Faculty Dr. Gareth Owens, International Office, HMU
	10:00-11:00 Lecture (Γ Auditorium) Introduction to Design for Additive Manufacturing (DfAM) Ioannis Ntintakis, Assist. Professor HMU
	11:00-12:00 Lecture (Γ Auditorium) 3D printing case studies and applications Nikolaos Mountakis, PhD candidate HMU
	12:00-13:00 Labs tour
	13:00-14:00 Lunch break
	19:00-21:30 (Arismari & Varsamo) Welcome dinner
Tuesday 17/09/24	09:00-09:20 (Γ Auditorium) Morning coffee
	10:00-13:00 Company visit Plastika Kritis SA and Megaplast SA
	13:00-14:00 Lunch break
	14:00-15:00 Lecture (Γ Auditorium) Technical and Research activities Václav Kulas, Preciosa-Ornela company
	15:00-16:00 Lecture (Γ Auditorium) Introduction to 3D printing Markos Petousis, Assoc. Professor HMU

Wednesday 18/09/24	09:00-09:15 (Kamaris Auditorium) Morning coffee
	9:15-10:00 Lecture (Kamaris Auditorium) Data-driven numerical homogenization Georgios E. Stavroulakis, Professor TUC
	10:00-11:00 Lecture (Kamaris Auditorium) Microstructures for Additive Manufacturing Ioannis Ntintakis, Assist. Professor HMU
	11:00-12:00 Lecture (Kamaris Auditorium) 3D Printing, Advancing its applications in the fashion industry Tatjana Spahiu, As. Prof. Polytechnic University of Tirana
	12:00-13:00 Lecture (Kamaris Auditorium) Lightweight structures and Auxetic materials Ioannis Ntintakis, Assist. Professor HMU
	13:00-14:00 Lunch break
	15:00-18:30 Heraklion city tour with Open Bus Visit Minoan Palace of Knossos
Thursday 19/09/24	09:00-09:15 (Kamaris Auditorium) Morning coffee
	09:15-12:00 Lab
	12:00-13:00 (Kamaris Auditorium) Robust Control in Smart Engineering Structures Amalia Moutsopoulou, Assoc. Professor HMU
	13:00-14:00 Lunch break
Friday 20/09/24	09:00-09:15 Morning coffee
	09:00-13:00 <i>Workshop</i>
	13:00-14:00 Lunch break
	19:00-21:30 Farewell Diner (Arismari & Varsamo)
Saturday 21/09/24	Departure day – End of the program