



Blended Intensive Program (BIP) Program

***“Additive Manufacturing: Design and Processing”***

<b>Sunday 17/09/23</b>	Arrival day - Start of the program
<b>Monday 18/09/23</b>	08:30-09:00 ( <a href="#">Kamaris Auditorium</a> ) Morning coffee
	9:00-10:00 ( <a href="#">Kamaris Auditorium</a> ) Welcome by the Faculty
	10:00-11:00 Lecture ( <a href="#">Kamaris Auditorium</a> ) Internationalization of Higher Education Konstantinos Petridis, Professor HMU
	11:00-12:00 Lecture ( <a href="#">Kamaris Auditorium</a> ) 3d scanning technologies & applications Emmanouel Maravelakis, As. Professor HMU
	12:00-13:00 Lecture ( <a href="#">Kamaris Auditorium</a> ) Introduction to 3D printing Markos Petousis, As. Professor HMU
	13:00-14:00 Lunch
	19:00-21:30 ( <a href="#">Piazza Pastarella</a> ) Welcome dinner
	<b>Tuesday 19/09/23</b>
08:30-09:30 Lecture ( <a href="#">Kamaris Auditorium</a> ) 3D printing case studies and applications Nikolaos Mountakis, PhD candidate HMU	
10:00-12:00 Plastika Kritis SA Company visit	
12:00-13:00 Lecture ( <a href="#">Kamaris Auditorium</a> ) Microstructures, homogenization analysis and design Georgios E. Stavroulakis, Professor TUC	
13:00-14:00 Lunch	

	Free time ...
<b>Wednesday 20/09/23</b>	08:45-09:00 ( <a href="#">Kamaris Auditorium</a> ) Morning coffee
	9:00-10:00 Lecture ( <a href="#">Kamaris Auditorium</a> ) Additive manufacturing process in combination with multifunctional composites Fivos Simopoulos, PhD candidate HMU
	10:00-11:00 Lecture ( <a href="#">Kamaris Auditorium</a> ) Introduction to design optimization Ioannis Ntintakis, Lecturer HMU
	11:00-13:00 Lab
	13:00-14:00 Lunch
	16:30-20:00 <a href="#">Heraklion city tour with Open Bus</a> <a href="#">Visit Minoan Palace of Knossos</a>
<b>Thursday 21/09/23</b>	08:45-09:00 ( <a href="#">Kamaris Auditorium</a> ) Morning coffee
	09:00-10:00 Lecture ( <a href="#">Kamaris Auditorium</a> ) Design and manufacturing of 3D printed parts for a Formula student racing car Antonios Lontos, Professor Frederick University
	10:00-11:00 Lecture ( <a href="#">Kamaris Auditorium</a> ) Perovskites meet 2D materials: A novel material platform for efficient energy harvesting and neuromorphics Dr. Konstantinos Rogdakis HMU
	11:00-12:00 Lecture ( <a href="#">Kamaris Auditorium</a> ) Utilizing Topology optimization in design of lightweight structures Ioannis Ntintakis, Lecturer HMU
	12:00-13:00 Lab
	13:00-14:00 Lunch
	14:30-16:00 Lab

	16:00-17:00 Lecture ( <a href="#">Kamaris Auditorium</a> ) Recent Advancements in DfAM Modeling Erica Vlachinos, nTop USA
<b>Friday 22/09/23</b>	08:45-09:00 ( <a href="#">Kamaris Auditorium</a> ) Morning coffee
	09:00-13:00 <i>Workshop</i>
	13:00-14:00 Lunch
	19:00-21:30 Farewell Diner
<b>Saturday 23/09/23</b>	Departure day – End of the program