

Time	Lecture Title	Lecturer
Sunday 26th		
18:00	Welcome cocktail	Organizing Committee
20:00	Dinner	All participants
Monday 27th		
8:00 am	General introduction to the AMETIS School	Organizing Committee
8:30 am	Invited talk: Additive Manufacturing, impact on part and process design	Alain Bernard
9:30 am	Invited talk: Materials and processes challenges for energy transition technologies	Hélène Burlet
10:30 am	<i>Coffee Break</i>	
11:00 am	Invited talk: New challenges in coatings for low-carbon aviation	Marjorie Cavaroc
12:00 am	Integrated approach of additive manufacturing	Fernando Lomello
1:00 pm	<i>Lunch Break</i>	
2:30 pm	From raw materials to in situ composites	Pierre François Giroux
3:30 pm	Materials challenges in metal additive manufacturing	Matteo Seita
4:30 pm	<i>Coffee Break</i>	
5:00 pm	Correlation between process parameters and properties of use: example of corrosion and durability	Fanny Balbaud
7:00 pm	<i>End</i>	
Tuesday 28th		
8:30 am	Physical Vapor Deposition	Frédéric Sanchette
9:30 am	Chemical Vapor Deposition	Francis Maury
10:30 am	<i>Coffee Break</i>	
11:00 am	Atomic Layer Deposition	Thomas Proslie
12:00 am	Plasma Enhanced Chemical Vapor Deposition	Nihed Chaâbane

1:00 pm	<i>Lunch Break</i>	
2:30 pm	Invited talk: Plasma process for the elaboration of functional surfaces and thin films at atmospheric pressure or under vacuum	Patrick Choquet
3:30 pm	Emerging thermal spray technologies	Aurélie Quet ou Benjamin Bernard
4:30 pm	<i>Coffee Break</i>	
5:00	High throughput processes and rapid discovery of new materials	Clara Desgranges
6:00 pm	Invited talk: Synthesis of Vertically Aligned Carbon Nanotubes for energy storage devices : from lab scale to industry	Mathieu Pinault
7:00 pm	<i>End</i>	
8:00 pm	Poster session	All participants
Wednesday 29th		
8:30 am	Architecture by Design	Philippe Belleville
9:30 am	Packaged Electronics Additive Manufacturing	Manuel Fendler
10:30 am	<i>Coffee Break</i>	
11:00 am	Material resource efficiency in low carbon energy: towards a more circular economy	Etienne Bouyer
1:00 pm	<i>Lunch Break and free afternoon</i>	
6:00 pm	Invited talk: Energy, transportation and the environment	François Gitzhofer
7:00 pm	Poster session	All participants
8:00 pm	Ametis Dinner	All participants
Thursday 30th		
8:30 am	Nanoparticles: synthesis	Olivier Sublemontier/Henri Perez/ Yann Leconte/ Magali Gauthier
10:30 am	<i>Coffee Break</i>	
11:00 am	Nanoparticles: integration	Olivier Sublemontier/Henri Perez/ Yann Leconte, Magali Gauthier
1:00 pm	<i>Lunch Break</i>	
3:00 pm	Nanoparticles: Application to energy and transportation (Electrochemical storage)	Olivier Sublemontier/Henri Perez/ Yann Leconte/ Magali Gauthier
4:30 pm	<i>Coffee Break</i>	
5:00 pm	Nanoparticles: Application to energy and transportation (Hydrogen applications / Solar & heat conversion)	Olivier Sublemontier/Henri Perez/ Yann Leconte/ Magali Gauthier
7:00 pm	<i>End</i>	
Friday 1st		

8:30 am	Invited talk: Combinatorial technology applied to coatings produced by plasma	François Gitzhofer
9:30 am	Some aspects of numerical modelling for additive manufacturing	Stéphane Gounand
10:30	<i>Coffee Break</i>	
11:00 am	Artificial Intelligence for materials science and engineering	Jean-Philippe Poli
12:30 pm	<i>End of Ametis School - Closing session</i>	

