



4th INTERNATIONAL SUMMER SCHOOL ON SCIENCE-BASED FORMULATION

15-17 September 2025, Bari (Italy)

School Program

Monday, 15th

Time	Hours	Session	Teacher
8:30 - 9:15		Registration & Coffee break	
9:00 - 9:15		Welcome	Gerardo Palazzo, University of Bari
9:15 - 10:15	1	Formulation Science: Challenges, Trends and Paradigm Shifts	Jean-Marie Aubry, University of Lille, France
10:15 - 11:15	1	Microemulsion microstructure(s)	Gerardo Palazzo, University of Bari
11:15 - 12:15	1	3D Printing of solid pharmaceutical formulations	Nunzio Denora, University of Bari, Italy
12:15 - 13:15	1	Formulations for Women's Health: Challenges and Opportunities	Paola Luciani, University of Berne, Switzerland
13:15 - 13:30		DesK project - TNE initiative	Luigi Gentile, University of Bari
13:30 - 14:30		Lunch and discussions	
14:30 - 15:30	1	Intellectual property in formulation science	Stefano Scialla, Campus Biomedico University, Roma, Italy
16:00 - 17:00		Poster session	

Tuesday, 16th

Time	Hours	Session	Teacher
9:00 - 10:00	1	Formulator's Guide to Adhesion Science	Steven Abbott, TCNF Ltd, UK

10:00 - 11:00	1	Tribology for formulation	Zhenyu Jason Zhang, University of Birmingham, UK
11:00 - 11:30		Coffee break	
11:30 - 12:30	1	Rheology primer for formulator	Luigi Gentile, University of Bari, Italy
12:30 - 13:30	1	Viscosifiers based on Polymers and surfactants	Edvaldo Sabadini, University of Campinas, Brazil
13:30 - 14:30		Lunch and discussions	
14:30 - 15:30	1	Using zeta potentials to design a stable formulation	Richard Greenwood, University of Birmingham, UK
15:30 - 16:30	1	The art of smart determination of the optimum formulation: Practical guidelines and applications	Ronald Marquez, University of Girona, Spain along with Professor Salager and Jesus Ontiveros

Wednesday, 17th

Time	Hours	Session	Teacher
9:00 - 10:00	1	Synergistic strategies for the design of eco- sustainable functional formulations	Gerardino D'Errico, University of Naples, Italy
10:00 - 11:00	1	Basic Principles of Life Cycle Assessment (LCA) in detergent formulations	Alessandra Valentini, Fater S.p.A., Pescara, Italy
11:00 - 11:30		Coffee break	
11:30 - 12:30	1	Tailoring emulsion stability with organized thin films	Watson Loh, University of Campinas, Brazil
12:30 - 13:30	1	Formulation Science as key enabler of sustainable re-use of Polymers	Marco Barsacchi, VangConsult, Zurich, Switzerland
13:30 - 14:30		Lunch and discussions	
14:30 - 15:30	1	Smart components for Smart Industrial Formulation	Martino De Serio, University of Naples 'Federico II'
15:30 - 16:30	1	Student Test, discussions and conclusions	



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