



**2nd Conference and Spring School on Properties, Design and Applications
of Upconversion Nanomaterials**
2 - 6 April 2018 (Valencia, Spain)



UPCON 2018 GENERAL SCHEDULE

	Monday April 2	Tuesday April 3	Wednesday April 4	Thursday April 5	Friday April 6
Morning	School	School	School	Conference	Conference
Afternoon	School	School	Conference	Conference	Meeting of the Scientific Committee
			Round Table Poster Session	Conference	
Evening		<i>School Dinner</i>	Guided Tour	<i>Conference Dinner Hotel Astoria</i>	



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UPCON 2018 SCHOOL PROGRAM

Institute of Molecular Science (ICMoL)		Botanical Gardens			
Start-End	Monday April 2	Start-End	Tuesday April 3	Start-End	Wednesday April 4
8:20	Registration				
8:20-8:45	Welcome				
8:45-9:15	Introduction. Functionalization & Photophysical characterization	9:00-9:40	L1. Capobianco, J. A.	9:00-9:40	L6. Vetrone, F.
9:15-10:00	Module I-Theory Confocal and High Resolution Transmission electron microscopy (CF & HRTEM)	9:40-10:20	L2. Natrajan, L.	9:40-10:20	L7. Frohlich, E.
10:00-10:30	Coffee Break	10:20-11:00	L3. May, S.	10:20-11:00	L8. Hemmer, E.
10:30-11:00	Module II-Theory Dynamic Light Scattering (DLS), Zeta potential (ZP), Nanoparticle Tracking Analysis (NTA)	11:00-11:20	Coffee Break	11:00-11:20	Coffee Break
11:00-14:00	Module III - Hands-on CF & HRTEM DLS, ZP & NTA	11:20-12:00	L4. Schuck, P. J.	11:20-12:00	L9. Jaque, D.
14:00-15:30	Lunch (Paella)	12:00-12:40	L5. Horák, D.	12:00-12:40	L10. Vinković V., I
15:30-18:30	Module IV - Hands-on Nanohybrids: synthesis and characterization Singlet oxygen detection	12:40-13:20	Flash Presentations	12:40-13:20	L11. Falk, A.
		13:20-14:45	Lunch	13:20-15:00	Lunch
		14:45-17:00	Flash Presentations		
		17:00-17:20	Coffee Break		
		17:20-19:00	Flash Presentations		
		21:00	School Dinner		



UPCON 2018 SCHOOL PROGRAM

Day 1 –Monday April 2		ICMOL & SCSIE	
Start-End	Event	Time (min)	Room
8:20	Registration	Open	Meeting Room
8:20-8:45	Welcome: Julia Pérez Prieto	25	0.8
8:45-9:15	Introduction. Functionalization & Photophysical characterization María González Béjar	30	0.8
9:15-10:00	Module I-Theory Confocal microscopy (CF & HRTEM) Enrique Navarro Raga High Resolution Transmission electron microscopy (CF & HRTEM) Said Agouram	45	
10:00-10:30	Coffee break	30	Cafeteria
10:30-11:00	Module II-Instruments Dynamic Light Scattering (DLS), Zeta potential (ZP), Nanoparticle Tracking Analysis (NTA) Jesús Carlos Puebla Sánchez & Francisco José López Jiménez	30	0.8
11:00-14:00	Module III - Hands-on CF & HRTEM Enrique Navarro Raga & Said Agouram	45	SCSIE
	DLS, ZP & NTA Jesús Carlos Puebla Sánchez & Francisco José López Jiménez	45	0.8
14:00-15:30	Lunch (paella)	90	Cafeteria
15:30-18:30	Module IV - Hands-on Nanohybrids: synthesis and characterization Soranyel Gonzalez Carrero & Laura Francés Soriano	45	Lab 1.8
	Singlet oxygen detection Nestor Estébanez Bloem & Juan González Ferrera	45	Lab 1.2.3



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UPCON 2018 SCHOOL PROGRAM

Day 2 –Tuesday April 3		Botanical Gardens	
Start-End	Event	Time (min)	Session Chair
9:00-9:40	L1. Capobianco, J. A.	40	Pérez-Prieto, Julia
9:40-10:20	L2. Natrajan, L.	40	
10:20-11:00	L3. May, S.	40	
11:00-11:20	Coffee break	20	
11:20-12:00	L4. Schuck, P. J.	40	González-Béjar, Maria
12:00-12:40	L5. Horák, D.	40	
12:40-13:20	Flash Presentations	40	Gonzalez-Carrero, Soranyel
13:20-14:45	Lunch (Paella)		
14:45-17:00	Flash Presentations	135	Galian Raquel E.
17:00-17:20	Coffee Break	20	
17:20-19:00	Flash Presentations	100	Ferrera-González, Juan
21:00	<i>School Dinner</i>		



UPCON 2018 SCHOOL PROGRAM

Day 3 –Wednesday April 4		Botanical Gardens	
Start-End	Event	Time (min)	Session Chair
9:00-9:40	L6. Vetrone, F.	40	Jaque, Daniel
9:40-10:20	L7. Frohlich, E.	40	
10:20-11:00	L8. Hemmer, E.	40	
11:00-11:20	Coffee Break	20	
11:20-12:00	L9. Jaque, D.	40	Hemmer, Eva
12:00-12:40	L10. Vinković V., I	40	
12:40-13:20	L11. Falk, A.	40	