

6th Cargèse Summer School -- 10-21 juin

FLOWTIME: Flow and transport in porous and fractured media

Linking life supporting functions of the subsurface across disciplines



1st week						2nd week						
10-juin	11-juin	12-juin	13-juin	14-juin	15-juin	16-juin	17-juin	18-juin	19-juin	20-juin	21-juin	22-juin
	Fundamentals in flow and transport	Fundamentals in unsaturated and multiphase flow	Environmental sensing	Reactive transport at rocks, life and water interfaces	Temperature: a critical environmental variable		Life functions of porous media	Porous media in the decarbonization	Biogeochemical processes	Groundwater: a large-scale resource	Bridging the gap between micro and macro scales	
8:50 - 9:00	Opening											
9:00 - 10:30 LECTURE 1	René Therrien	Dani Or	Thomas Hermans	Jennifer Druhan	Peter Bayer		Maciej Zwieniecki	Ruben Juanes	Audrey Sawyer	Ying Fan	Marco Dentz	
10:30 - 10:45	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break		Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	
10:45 - 12:15 LECTURE 2	Tomas Aquino	Joaquin Jimenez-Martinez	John Selker	Peter Kang	Qinghua Lei		Charles Harvey	Sam Krevor	Andrea Schnepf	Christian Moeck	Philippe Davy	
12:15-14:00	Lunch	Lunch	Lunch	Lunch	Lunch		Lunch	Lunch	Lunch	Lunch	Lunch	
PRACTICAL EXPERIMENTS GROUP PROJECTS	P1 : Environmental sensing: from DTS to Plants - John Selker & Dani Or					FREE : Beach, Boat, Hike...						PRACTICAL EXPERIMENT PRESENTATIONS
	P2 : Geophysics of the environment - Thomas Hermans & Damien Jougnot											
	P3 : Transport and mixing in microfluidic chips - Joaquin Jimenez & Kevin Pierce											
	P4 : Mixing fronts and reactions in porous media - Joris Heyman & Pratyaksh Karan											
	P5 : Discrete Fracture Network Modeling - Benoît Pinier & Silvia De Simone											
	P6 : Flow in porous media with OpenFOAM - Cyprien Soullaine											
16:30 - 17:00	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break		Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	
17:00-18:00 RESEARCH SEMINARS	Camille Bouchez	Jenna Poonosamy		Ran Holtzman	Maria Klepikova		Pietro de Anna	Maartje Boon	Yves Méheust	Camille Vautier		PRACTICAL EXPERIMENT PRESENTATIONS
	David Litwin	Sophie Roman		Sojwal Manoorkar	Hannah Gebhardt		Joris Leonet	Maksim Elizarev	Volponi Sabrina	Sophie d'Arcy		
19:00	Welcome drink		Poster Session		Poster Session		Poster Session		Poster Session	Gala Diner		Departure

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