

Research - PMMH (march 2012)

Hydrodynamics	
Instability and control	
1	Instability and turbulence
2	Flow control
3	Swimming and flying
20	Morphodynamics
Interfaces	
4	Surface waves
5	Interfaces hydrodynamics
6	Contact lines dynamics
7	Phase transition in liquids
22	Elastocapillarity
Small scale hydrodynamics	
8	Micro hydrodynamics
9	Physical chemistry of separation
10	Separation of biological objects
6	Contact line dynamics
14	Collective dynamics in suspensions
15	Low Re fluid structure interactions

Soft matter Physical chemistry and biology	
Complex Fluids	
11	Colloids
12	Active fluids
13	Active colloids
14	Collective dynamics in suspension
9	Physical chemistry of separation
17	Non brownian suspension
Propulsion and biomimicry	
3	Swimming and flying
15	Low Re fluid structure interactions
Physics and biology	
16	Cellular Biophysics
12	Active fluids
10	Separation of biological objects

Mechanics and statistical physics	
Granular materials	
18	Physics and mechanics of granular media
19	Ground-root interactions
20	Morphodynamics
17	Non-brownian suspensions
Phase transition and vitreous transition	
21	Statistical physics and vitreous systems
7	Phase transition in liquids
Elasticity, fracture, plasticity	
22	Elastocapillarity
23	Mechanics and geometry of thin plates
24	Fracture and plasticity of disordered materials
25	Adhesion

"What people are working on"

Nom	Prénom	Research									
AIDER	Jean-Luc	1	2	8	3						
ANDREOTTI	Bruno	20	18	6							
BARTOLO	Denis	13	8	14							
BEYSENS	Daniel	7	6								
BICO	José	22	23								
CABANE	Bernard	11									
CLAUDIN	Philippe	18	20								
CLEMENT	Eric	12	13	14	17	18	21	24			
DEVULDER	Anne	19	16								
DU ROURE	Olivia	16	15								
FERMIGIER	Marc	15									
GODOY DIANA	Ramiro	3	1								
GOUJON-	Sophie	1									
GUYON	Etienne	1	3	18							
HEUVINGH	Julien	16									
HOYOS	Mauricio	10	12								
KOLB	Evelyne	19	18								
KURCHAN	Jorge	21									
KUROWSKI	Pascal	19									
LINDNER	Anke	12	15	17	25						
MARTIN	Michel	9									
MONGRUEL	Anne	8	7								
NIKOLAYEV	Vadim	7	6								
PETITJEANS	Philippe	4									
QUERE	David	5									
REYSSAT	Etienne	23	22								
ROMAN	Benoit	22	23								
ROUSSELET	Annie	12									
THIRIA	Benjamin	3	23								
TUCKERMAN	Laurette	1									
VANDEMBROUCQ	Damien	24	21								
WESFREID	José Eduardo	1	2	3							

Research support

AUGER	Frédérique	Administratrice
BENOIT-GONIN	Xavier	Ingénieur conception
BROUARD	Olivier	Technicien
CHAOUCHE	Alain	Technicien
CLERMONT	Guillaume	Technicien
DARNIGE	Thierry	Ingénieur informatique
JENFFER	Patrice	Ingénieur conception
MIALET	Amina	Gestionnaire
PETITJEANS	Philippe	Directeur
PRADAL	Daniel	Technicien
VILMAY	Mathieu	Ingénieur - électronicien