

Programme Matière Molle & Verres Days

THURSDAY, June 2nd

9-9h20

Welcoming breakfast

9h20

Presentation Matière Molle & Verres Days

9h30 – 11h10

1. Surfaces (Chairman: Matthieu)

Domenico

[Surface tension in miscible fluids](#)

Srishti

[Destabilization and Instability in freely extending liquid sheets](#)

Stefano Villa

[Approaching dynamic of a prolate spheroid to a water-air Interface](#)

Christophe

[Colloids at interfaces](#)

Haifa

[Elasto-capillary textures in thin nematic films](#)

11h10 – 11h30

Coffee Break

11h30 – 12h50

2. Physics of biological & biomimetic systems (Chairman : Daniel)

Gladys

[Droplet encapsulation by interface crossing at high inertia](#)

Myriam

[Macro- and micro-rheology of bronchial mucus](#)

Alexey

[Holographic imaging and 4D reconstruction of embryo microcirculation](#)

Laura

[Contraction microflows : from foams to cell aggregates](#)

12h50-14h

Lunch break

14 – 15h20

3. Engineering new materials I (Chairwoman : Dafne)

Michel

[Holographic study of the light transport through a random media](#)

Julian

[Polymer structure, statistics, and the mess of matching in nanocomposites](#)

Caroline

[Perspective on multiscale dynamics in polymer nanocomposites](#)

Adrian

[Glass transition in soft colloids](#)

15h20 - 15h40

Coffee Break

15h40-16h40

4. Engineering new materials II (Chairman : Maurizio)

Benoit

[Adsorption kinetics of rare gas in silica at high pressure](#)

Camilo

[Graphene liquid Crystals and NPs/Graphene Composites](#)

Antonio

[Janus particles by Microfluidics](#)

FRIDAY, June 3rd

9h-10h20

5. Biopolymers : interactions and mechanics (Chairwoman : Amelie)

Matthieu

[Etude des propriétés mécaniques locales des tissus des grains de céréales](#)

Pascale

[Etude de la biodégradation de polymères en milieu marin](#)

Justine

[Interactions and assemblies of wheat prolamins](#)

Alexandre

[Gliadins at the air/water interface](#)

10h20-10h40

Coffee Break

10h40- 11h40

6. Self assembly (Chairman : Domenico)

Simona Sennato

[Aggregation of polyelectrolyte-decorated liposomes](#)

Martin

[Block copolymers for porous materials](#)

Anthony

[Design of block copolymers for patchy PIC micelles](#)

11h40-12h

Coffee break

7. Material failure (Chairman : Adrian)

12h-12h40

Stefano Aime

[Microscopic dynamics during the creep of a colloidal gel](#)

Angelo

[Dynamics of the microstructure of soft materials under stress](#)

12h40-13h10

Concluding remarks and discussion

14h10-14h40

Lunch break

15h-17h

Visit : secret places in old Montpellier (Departure from Arc de Triomphe)