

Advanced Modules I : Mechanical Properties

Venue : **Vaalsboroek, Vaals, 30th of January 2019**

Agenda

9.00 – 10.15	Introduction to mechanical testing of soft solid polymers Costantino Creton (<i>ESPCI Paris</i>)
10.15 – 10.45	<i>Coffee break</i>
10.45 – 12.00	Large strain viscoelasticity in solids, fracture mechanics, elements of adhesion Costantino Creton (<i>ESPCI Paris</i>)
12.00 – 13.30	<i>Lunch break</i>
13.30 – 15.00	Small angle scattering techniques (neutrons and X-rays), examples of structure modification upon deformation Julian Oberdisse (<i>Université de Montpellier</i>)
15.00 – 15.45	Wide angle X-ray scattering upon deformation : what can we learn ? Luigi Balzano (<i>DSM Research</i>)
15.45 – 16.15	<i>Coffee break</i>
16.15 – 17.15	Fatigue and lifetime prediction strategies for polymers Tom Engels (<i>DSM Research</i>)
19.00	<i>Group Dinner</i>