

Summer School Speaker timetable 2017

	Morning	Afternoon
Monday 24 July	Theme: Statistical mechanics approach to turbulence	
		<p>Stéphan FAUVE</p> <ul style="list-style-type: none"> • Statistical mechanics of large scales in turbulence I : Two-dimensional confined forced flows • Statistical mechanics of large scales in turbulence II : Three-dimensional flows, waves and dynamos
Tuesday 25	Theme: Small-scale intermittency	
	<p>Joachim PEINKE</p> <ul style="list-style-type: none"> • Entropy production in the turbulent cascade: A new criterion for universality consideration 	<p>Mickael BOURGOIN</p> <ul style="list-style-type: none"> • Dynamics and clustering of inertial particles in turbulence
Wednesday 26	Theme: Entrainment	
	<p>Markus HOLZNER</p> <ul style="list-style-type: none"> • Multiscale aspects of turbulent entrainment 	<p>Juan Pedro MELLADO</p> <ul style="list-style-type: none"> • Entrainment in the atmospheric boundary layer
Thursday 27	Theme: Near walls	
	<p>Michel STANISLAS</p> <ul style="list-style-type: none"> • Near wall organisation in ZPG turbulent boundary layers • The challenge of adverse pressure gradient turbulent boundary layers 	<p>Carlo Massimo CACIOLA</p> <ul style="list-style-type: none"> • The Kolmogorov equation in homogeneous isotropic and anisotropic flows • The Generalised Kolmogorov equation for separated flows: Fluxes in physical and space scale