Monday, Sep 21

08:50	Opening words			

Fundamentals and new methods I

09:00	Bob Evans	U Bristol	Percus' Test Particle Procedure and the Consistency of DFT Approximations	abstract
09:40	Salomee Tschopp	U Fribourg	Mean-Field Theory of Inhomogeneous Fluids	abstract
10:10	Sophie Hermann	U Bayreuth	Noether's Theorem in Statistical Mechanics	abstract
10:40	Jim Lutsko	U Brussels	Explicitly stable FMT for the solid phase	abstract
11:20	Coffee			

Inhomogeneous fluids

12:00	Alberto Giacomello	U Rome	Drying in nanoscale and macroscale surface textures	abstract
12:40	Serafim Kalliadasis	Imperial College London	Challenges of modelling the moving contact line problem and recent progress: bridging scales from the nano- to the macroscale	abstract
13:20	Lunch			
14:00	Tobias Eckert	U Bayreuth	Fluctuation profiles in inhomogeneous fluids	abstract
14:30	Alina Ciach	U Warsaw	Systems with competing interactions near a confining wall	abstract
15:10	Mary Coe	U Bristol	Connecting Hydrophobicity across Length Scales: Measuring Fluctuations using DFT	abstract
15:40	Coffee			

Dynamics

16:00	Rene Wittmann	U Düsseldorf	Order-preserving dynamics in one dimension - single-file diffusion and caging from the perspective of DDFT	abstract
16:40	Daniel de las Heras	U Bayreuth	Sedimentation of colloidal plate-rod mixtures revisited	abstract
17:20	Roland Roth	U Tübingen	BEC at the semi quantum mechanical limit	abstract

Tuesday, Sep 22

09:00	Matthias Krüger	U Göttingen	Response and fluctuations of a particle driven in a nonlinear fluid	abstract
09:40	Antonio Russo	Imperial College London	Memory effects in dynamic density functional theory with fluctuation	abstract
10:10	Michael te Vrugt	U Münster	Effects of social distancing and isolation on epidemic spreading: a DDFT model	abstract
10:50	Coffee			

Complex systems

11:10	Segun Goh	U Düsseldorf	A density functional approach for labeled particles: Scale-bridging description of ferrogels in three dimensions	abstract
11:50	Alberto Scacchi	U Aalto	Self-assembly soft matter with competing length-scales	abstract
12:30	Philipp Rehner	U Stuttgart	Interfacial Properties of Water-Surfactant Systems Using Classical Density Functional Theory	abstract
13:00	Lunch			
14:00	Andy Archer	U Loughborough	The density distribution in soft matter crystals and quasicrystals	abstract
14:40	Johannes Eller	U Stuttgart	Prediction of Solvation Free Energies in Nonpolar Solvents using Density Functional Theory based on the PC-SAFT Equation of State	abstract
15:20	Dirk Gillespie	Rush U	A DFT-derived analytic model of electrical double layer energetics	abstract
Evening talk 18:30	Matthias Schmidt	U Bayreuth	Progress in PFT	abstract

Wednesday, Sep 23				
	Fundamentals and new methods II			
14:00	Petr Yatsyshin	Imperial College London	Machine-learning the DFT of a classical statistical-mechanical system	abstract
14:40	Shang-Chun Lin	U Tübingen	Analytic density functionals from machine learning	abstract
15:10	Guillaume Jeanmairet	Sorbonne Univers	Coupling electronic and molecular Density Functional Theory	abstract
15:50	Coffee			
16:10	Sergio Perez	Imperial College London	Finite-volume scheme for stochastic PDEs	abstract
16:40	Daniel Borgis	ENS Paris	Connection between Gaussian field theory and density functional theory for atomic liquids in presence of excluded volumes	abstract
17:20	Closing words			