

Duration
(min)

	Begin	End	14-Apr	15-Apr
10	8:30	8:40	Introduction and welcome	Remarks
40	8:40	9:20	Ignacio Pagonabarraga Collective behavior and pattern formation in actuated magnetic and Janus colloidal suspensions	Hartmut Löwen Nonreciprocal forces in flowing matter: Passive particles become active
40	9:20	10:00	Thomas Franosch Splitting of the universality class of anomalous transport in crowded media	Jens Elgeti Modelling of active matter: of growth and motion
40	10:00	10:40	coffee break	coffee break
40	10:40	11:20	Giorgio Volpe Controlling active crowds with random fields	Giovanni Volpe Engineering sensorial delay Nonadditivity of critical Casimir forces
20	11:20	11:40	Ali Koşar polyhydroxyethylmethacrylate (pHEMA) and polyperfluorodecylacrylate (pPFDA) coatings for enhancing micro scale flow boiling heat transfer	Jaroslav Tihon Electrodifusion method for flow diagnostics in the near-wall region
20	11:40	12:00	Elisaveta Kirilova Environmental conscious optimization of dairy supply chain	Věra Pěnkavová Apparent wall slip viscometry of aqueous kaolin suspensions
90	12:00	13:30	lunch	lunch
90	13:30	15:00	Discussion	Discussion
40	15:00	15:40	Meltem Elitaş Microfluidics	Paolo Magaretti Catalytic particles close to fluid-fluid interface: from interface-induced phoresis to Marangoni flow
40	15:40	16:20	Burçin Ünlü Multiscale imaging and modeling of cancer	Álvaro Marín Clogging in a microfluidic hourglass
30	16:20	16:50	coffee break	coffee break
40	16:50	17:30	Nuno Araújo Field driven dynamics of binary colloidal mixtures	Alper Kiraz Dye lasing and laminar flow-induced dissolution in hydrodynamically trapped oil microdroplets
20	17:30	17:50	Aleksandar Georgiev Hybrid ground-source heat pump systems	Catarina Almeida Da Rosa Leal Rheology of Staphylococcus aureus cultures
20	17:50	18:10	Rumen Popov Experimental setup for thermal field's analysis	Nadia Antonova Experimental methods for studying the rheological and electrical properties of blood and red cell suspensions under different flow conditions
				Final Remarks
	18:15	20:30	dinner	conference dinner (departure: 19:00 from Sabanci)