

Week 4, “Mini-course Week”**August 24 - August 28, 2020****of the Thematic Programme****“Higher Structures and Field Theory”****August 2 - September 25, 2020****organized by****Anton Alekseev (U Genève), Stefan Fredenhagen (U Vienna), Nicolai Reshetikhin
(UC, Berkeley), Thomas Strobl (U Lyon), Chenchang Zhu (U Göttingen)****• Monday, August 24th, 2020**09:00 – 17:00 **Registration****• Tuesday, August 25th, 2020**09:00 – 09:10 **Welcome**09:10 – 10:10 **Klaus Fredenhagen (U Hamburg)***Advances in Algebraic Quantum Field Theory I: Framework of AQFT***• Wednesday, August 26th, 2020**10:00 – 11:00 **Nils Carqueville (U Vienna)***Topological quantum field theory with defects*15:30 – 16:30 **Jan Pulmann (U Genève)***Moduli spaces of flat connections as quasi-BV manifolds***• Thursday, August 27th, 2020**09:00 – 10:00 **Klaus Fredenhagen (U Hamburg)***Advances in Algebraic Quantum Field Theory II: Perturbative approach towards AQFT*11:00 – 12:00 **Damjan Pistalo (U Zadar)***Some topics in derived geometry motivated by the BV formalism***• Friday, August 28th, 2020**09:00 – 10:00 **Klaus Fredenhagen (U Hamburg)***Advances in Algebraic Quantum Field Theory III: Perspectives and open problems***All talks take place at ESI Boltzmann Lecture Hall and online!**