Advanced Numerical Methods for Hyperbolic Equations and Applications
Prof. Michael Dumbser and Dr. Saray Busto. Two special lectures by Prof. E.F. Toro.

Week: 1-5 February 2021

Times	Monday 1/2	Tuesday 2/2	Wednesday 3/2	Thursday 4/2	Friday 5/2
09:00-11:00	**Finite volume schemes for conservation laws I** *(room 2A)*	**Finite volume schemes for conservation laws III** *(room 2A)*	**ADER schemes** *(room 2A)*	**Path-conservative finite volume schemes** *(room 2A)*	**Advanced applications of ADER schemes** *(room 2A)*
11:00-11:30	***Cappuccino***	***Cappuccino***	***Cappuccino***	**Cappuccino**	**Cappuccino**
11:30-13:00	**Finite volume schemes for conservation laws II** *(room 2A)*	**High order ENO/WENO finite volume methods** *(room 2A)*	**Discontinuous Galerkin finite element methods** *(room 2A)*	**Meshless particle methods (SPH)** *(room 2A)*	**Semi-implicit hybrid FV/FE schemes on unstructured meshes** *(room 2A)*
13:00-14:00	***Lunch***	***Lunch***	***Lunch***	**Lunch**	**Lunch**
14:00-16:00	***FV schemes for conservation laws*** *(room 2A)*	***FV schemes on unstructured grids*** *(room 2A)*	***High order ENO/WENO Methods I*** *(room 2A)*	***Discontinuous Galerkin methods I*** *(room 2A)*	***Discontinuous Galerkin methods III*** *(room 2A)*
16:00-16:30	***Tea***	***Tea***	***Tea***	**Tea**	**Tea**
16:30-18:00	***FV schemes for conservation laws*** *(room 2A)*	***FV schemes on unstructured grids*** *(room 2A)*	***High order ENO/WENO Methods II*** *(room 2A)*	***Discontinuous Galerkin methods II*** *(room 2A)*	***Path-conservative FV schemes*** *(room 2A)*
18:15-19:15 Special lectures by Prof. E.F. Toro			**The HLLC Riemann solver (Prof. E.F. Toro, online)**	**The Toro-Vázquez flux vector splitting (Prof. E.F. Toro, online)**	