MS07: Models and Methods for Biomedical Applications Organizers: Martina Conte and Nadia Loy		
Tuesday, August 29th		
Time	**Speaker**	**Name of the talk**
10:45-11:10	Chiara Giverso	Influence of mechanical properties on cell migration through thin barriers of extracellular matrix
11:10-11:35	Giulia Bertaglia	A multiscale constitutive framework of computational blood flow modeling
11:35-12:00	Patrizia Ferrante	Modelling HIF-PHD dynamics and related downstream pathways in tumours
12:00-12:25	Chiara Villa	Modelling the evolutionary dynamics of nutrient-deprived cancer cells using structured PDEs: analysis, numerics and validation
12:25-12:50	Valeria Giunta	Pattern formation in a chemotaxis model of acute inflammation
12:50-13:15	Romina Travaglini	Demyelination-remyelination patterns in Multiple Sclerosis derived from kinetic models