Time	*Sunday*	*Monday* *September 15*	*Tuesday* *September 16*	*Wednesday* *September 17*	*Thursday* *September 18*	*Friday* *September 19*
08:00		Breakfast				
08:45 – 10:45		**Will** Introduction to GR: Newtonian Gravity	**Blanchet** Analytical approximation methods	**Wex** Binary pulsars and GR	**Miller** Black hole astrophysics	**Ferreira** Big bang cosmology
10:45		Coffee Break				
11:15 – 12:45		**Andersson** Relativistic thermodynamics	**Berti** Theory of black holes	**Kramer** Pulsar timing and GR	**Peik** High precision clocks, timekeeping and GPS	**Siemens** Tests of gravity in the strong-field dynamical regimes
12:45		Lunch				
13:45 – 14:15			Poster Discussions	Excursion	Poster Discussions	
14:15 – 16:15	Arrival	**Poisson** Introduction to GR: Post-Newtonian Theory	**Brügmann** Numerical relativity		**Klioner** Reference frames, astrometry and geodesy	**Schäfer, Will** Summary and Discussion
16:15		Coffee Break			Coffee Break	
16:45 – 18:15		**Rowan** Gravitational wave detection	**Buonanno** The analytical/ numerical relativity interface		**Peron** Solar-system tests of GR	16:00 Departure
18:15 – 18:45			Poster Discussions		Poster Discussions	
18:45		Dinner				
20:00	Welcome	Social Evening with Funny Stories about Scientists	**Danzmann** The bright future of gravitational wave astronomy	**Renn** The Genesis of GR	**Lämmerzahl** GR importance for space missions	