

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY				
9.00		<b>Anton Khirnov:</b> Axisymmetric critical collapse on a shoestring	<b>Nigel Bishop:</b> Numerical relativity and the propagation of gravitational waves through matter	<b>Joan Masso:</b> Computational Quests: from Cactus to Simflowny and beyond	<b>Fabrizio Corelli:</b> Fate of radiating black holes with minimum mass in Einstein-dilaton-Gauss-Bonnet theory of gravity	9.00			
9.15			<b>Daniela Cors Agulló:</b> Critical phenomena in gravitational collapse with bumps	<b>Konrad Topolski:</b> Merger simulations of GW170817 with V-QCD EOS	<b>Christian Peterson Borquez:</b> Numerical evolution of Good-Bad-Ugly-F system as a toy model for hyperboloidal numerical relativity	<b>Hector Okada da Silva:</b> Binary black hole coalescence in scalar-Gauss-Bonnet gravity	9.15		
9.30			<b>Károly Csukás:</b> Notes on the asymptotics of near Kerr initial data by evolutionary solvers	<b>Ricard Aguilera-Miret:</b> Universality of the turbulent magnetic field amplification in binary neutron star mergers	<b>Carlo Musolino:</b> Challenges and pitfalls in the development of a two moment GRRHD code	<b>Maxence Corman:</b> Evolution of binary black holes in Einstein scalar Gauss Bonnet	9.30		
9.45			<b>Discussion (MathGR)</b>	<b>Discussion (AstroGR)</b>	<b>Discussion (CompGR)</b>	<b>Daniela Doneva:</b> Dynamical descalarization with a jump during black hole merger	9.45		
10.00		Coffee break				10.00			
10.30		<b>Roxana Rosca-Mead:</b> Core collapse in scalar-tensor theory with massive fields				10.30			
10.45		<b>Aaron Held:</b> Nonlinear evolution of black holes in Quadratic Gravity				10.45			
11.00		<b>Guillermo Lara:</b> UV completions, fixing the equations, and nonlinearities in k-essence				11.00			
11.15		<b>Discussion (BeyondGR)</b>				11.15			
11.30						Coffee break			
12.00	<b>Juan Calderon Bustillo:</b> Gravitational-wave data analysis with the Newman-Penrose scalar					<b>Geoffrey Lovelace:</b> Progress toward simulating binary black holes with SpECTRE	<b>Hannes Rüter:</b> Mergers of Dark-Matter admixed Neutron Stars	12.00	
12.15	<b>Ondřej Zelenka:</b> Machine-Learning Gravitational-Wave Search Challenge I: A summary of results	<b>Samuel Tootle:</b> FUKA: A public code for initial data of unequal-mass, spinning compact-object binaries	<b>Taishi Ikeda:</b> Parasite black holes: the swallowing of a fuzzy dark matter soliton	12.15					
12.30	<b>Ilia Musco:</b> Primordial black hole formation during the QCD phase-transition	<b>Harald Pfeiffer:</b> A task-based parallel elliptic solver based on discontinuous-Galerkin methods	<b>Dina Traykova:</b> Dynamical friction from ultralight dark matter	12.30					
12.45	Conference photo	<b>Nikolas Wittek:</b> Worldtube excision method for intermediate-mass-ratio inspirals: scalar-field toy model in 3+1D	<b>Mattia Emma:</b> Numerical Simulations of Dark Matter Admixed Neutron Star Binaries	<b>Sebastiano Bernuzzi</b> What happened this week?					
13.00	Registration	Lunch break	Lunch break	<b>Jamie Bamber:</b> Black hole binary mergers with light scalar fields: the impact of initial data	13.00				
13.15				Lunch break	Lunch break	13.15			
14.00						14.00			
14.30	<b>Opening Remarks / Bernd Bruegmann</b> What is Numerical Relativity?				14.30				
15.00	<b>David Hilditch</b> Dual-frame generalized harmonic gauge on hyperboloidal slices	<b>Kenta Kiuchi</b> Self-consistent modelling of compact binary mergers in numerical relativity	<b>Nils Deppe</b> A high-order discontinuous Galerkin-finite-difference hybrid method for numerical relativity	<b>Carlos Palenzuela</b> Generalizations of Einstein theory by including a scalar field	Conference lunch (BBQ)	15.00			
15.45	<b>Katy Clough</b> Numerical Relativity in cosmological spacetimes	<b>Tim Dietrich</b> Neutron star merger simulations to enable multi-messenger astronomy studies	<b>David Neilsen</b> Meeting Challenges at the Next Frontier in Numerical Relativity	<b>Pau Figueras</b> Black hole binaries in higher derivative theories of gravity		15.45			
16.30	Coffee break	Coffee break	Coffee break	Coffee break		16.30			
17.00	<b>Alex Vano-Vinuales:</b> Free hyperboloidal evolution using conformal compactification	<b>Andreas Bauswein</b> Postmerger phase of neutron star coalescences	<b>Georgios Doulis:</b> Entropy as shock indicator in neutron star merger simulations	<b>Ulrich Sperhake</b> Boson-star binaries and gravitational waves		17.00			
17.15	<b>Shalabh Gautam:</b> Some ongoing Efforts for Evolving Einstein Field Equations on Hyperboloidal Slices		<b>Boris Daszuta:</b> 'GR-Athena++': puncture evolutions on vertex-centered oct-tree AMR			17.15			
17.30	<b>Hector Olivares:</b> A new first-order formulation of the Einstein equations exploiting analogies with electrodynamics		<b>William Cook:</b> GRHD simulations with GR-Athena++			17.30			
17.45	<b>Llibert Aresté Saló:</b> Modified CCZ4 formulation of Einstein-scalar-Gauss-Bonnet theory		<b>Alessandro Camilletti:</b> Numerical relativity simulations of the neutron star merger GW190425: microphysics and mass ratio effects	<b>Francesco Zappa:</b> Towards Kokkos GR-Athena++: puncture evolutions on GPUs	<b>Olivier Sarbach:</b> 1-boson stars	17.45			
18.00		<b>Peter Hammond:</b> Detectability of nuclear reactions in neutron star mergers through gravitational waves		<b>Tamara Evstafyeva:</b> Initial data for unequal-mass boson star collisions	18.00				
18.15		<b>Manuel R. Izquierdo:</b> High-order numerical methods for solving the M1 neutrino formalism		<b>Miguel Bezares:</b> Mergers of Exotic Compact Objects	18.15				
18.30				<b>Miguel Zilhao:</b> The piercing of a boson star by a black hole	18.30				
18.45				<b>Nils Siemonsen:</b> Merger dynamics of binary Boson stars	18.45				
19.00					19.00				
19.15			Conference dinner		19.15				