Time	Monday, July 15	Tuesday, July 16	Wednesday, July 17	Thursday, July 18
9:30-10:15	**9:15 arrival**, 9:30-10:00: Welcome, introduction to the school concept, logistics, people (Sera, Nicole, Daniela etc),	Inventory of Compact Objects (Enrico)	How an accretion disk forms, OoM (Andrew)	Jet power and acceleration (Sasha)
10:15-11:00	Start 10:00: Introduction to computing setup: VM and Cartesius, get everyone on the environment (Sera/Nicole/Daniela) Screen reader support enabled.	Estimating key timescales in astrophysical scenarios (Nicole)	Associated work problem: set up and solve steady state black body circular disk (Andrew).	Jet power and acceleration (Oliver)
11:00-11:30	Coffee Break			
11:30-12:15	Energy Scales and Compact Objects (Enrico)	Short primer on fluid dynamics (Smadar)	Associated work problem: set up and solve steady state black body circular disk.	Diversity session II w/ Sherard & Stephanie
12:15-13:00	Conservation Laws Using Stars (Andrew)	Interactive/problem solving for Fluid dynamics (Smadar/Sebastian)	OoM shocks and particle acceleration (Irene)	
13:00-14:45	Lunch			
14:45-16:45	Introduction to Data Visualization (Daniela)	Radiative Processes I: Bremsstrahlung & Synchrotron (Sera)	Radiative processes: IC Lecture + MC problem (Sebastian)	Compiling, running HARMPI, and visualizing the results (Sasha)
16:45-17:15	Coffee break			
17:15-18:45	17:15-18:30: Networking, upmentoring, and building your support systems, Community Building (coordinated by Daniela)	Diversity session I w/ Sherard & Stephanie	Version control w/GIT (Daniela)	Setting up new problems in HARMPI (Sasha)
evening program?	**18:30 onwards:** Welcome reception with food, maybe some additional icebreakers	Open discussion w/pizza? touching on both networking and VC workshops?		How to write effective research proposal and paper (Coordinated by Irene)

Time	Friday, July 19	Saturday, July 20	Sunday, July 21	Monday July 22	Tuesday July 23
9:30-10:15	Orbits + Hill/tidal/Lagrange L1 (Smadar)		Social outing: ESTEC + Space Expo + maybe beach	Introduction to Bayesian Statistics (Daniela)	OoM estimating plasma and fluid parameters (Nicole)
10:15-11:00	Orbits + Hill/tidal/Lagrange L1 (Smadar)	**Start at 10:00:** Diversity session III w/ Sherard & Stephanie, with some kind of coffee break if we can book one!			
11:00-11:30					
11:30-12:15	Associated work problem from Smadar's lectures			Nonlinear ODEs: wind equation (Chiara)	Derive M-sigma relation (OoM; Andrew)
12:15-13:00	Classical accretion solutions: Bondi and Bondi-Hoyle-Lyttleton (Oliver)				
13:00-14:45		lunch from cantine: LOC needs to pick up food and bring up!			
14:45-16:45	Low angular momentum accretion (adapted to use HARMPI, Oliver/Sasha), maybe working in some of the relativistic Bondi accretion in Schwarzschild ideas?	Continue low angular momentum HARMPI problem, setup some problems (pre-cooked to some extent, tailored to different levels?) to run over weekend?		14:45-16:15: Analyze/plot/visualize results of weekend HARMPI projects (Jason) 16:15-16:45: Begin Tutorial/work example (Chiara) on using Multinest, maybe also working in relativistic Bondi accretion ideas from Oliver (though he won't be here)	**14:45-16:15** Dra Nicole workshop II on workflow **16:15-16:30** short coffee break with snacks
16:45-17:15					**16:30-19:30** Workshop: How to give a good talk (Karin Herrebout & Mariël Vaartjes, 2 groups)
17:15-18:45	High Energy Neutrino Astronomy (Irene)			Finish: Tutorial/work example (Chiara) on using Multinest, maybe also working in relativistic Bondi accretion ideas from Oliver (though he won't be here)	
evening program?		Social Dinner		Dra Nicole workshop I, on Self-Care, with some kind of food?	

Time	Wednesday July 24	Thursday July 25	Friday July 26
9:30-10:15	Intro to Machine Learning (Camille)	MHD turbulence, viscosity, vorticity (Blakesley)	OoM: BNS mergers and/or blast waves (Enrico)
10:15-11:00			
11:00-11:30			
11:30-12:15	Machine Learning extension	HARMPI study of low-luminosity accretion & radiation processes (Jason/Jane)	Unstructured time to finish projects, ask questions
12:15-13:00			
13:00-14:45			
14:45-16:45	Disk-jet connection: Jane	Intro to MWL SED fitting and (precooked) Isis tutorial (Sera)	Discussion, reflection, feedback, how to move forward and community build?
16:45-17:15			
17:15-18:45	General Relativistic Ray-tracing / Solving PDEs with Runge-Kutta method (Jane)	**17:15-18:00:** Finish HARMPI study of Low luminosity accretion, radiation processes (Jason/Jane) **18:00-18:45** Finish MWL modeling (Sera)	Closing borrel
evening program?	18:45-19:15: Quick intro to Einstein toolkit and demo/showcase (??? w slides from Philipp)		