Time	Monday, July 15	Tuesday, July 16	Wednesday, July 17
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)
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).
11:00-11:30	Coffee Break		
11:30-12:15	Energy Scales and Compact Objects (Enrico)	Short primer on fluid dynamics (Sebastian/Smadar)	Associated work problem: set up and solve steady state black body circular disk.
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)
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)
evening program?	**18:30 onwards:** Welcome reception with food, maybe some additional icebreakers		

Time	Thursday, July 18	Friday, July 19	Saturday, July 20
9:30-10:15	Jet power and acceleration (Sasha)	Orbits + Hill/tidal/Lagrange L1 (Smadar)	
10:15-11:00	Jet power and acceleration (Oliver)	Orbits + Hill/tidal/Lagrange L1 (Smadar)	**Start at 10:00 - 13:00: Diversity session III w/ Sherard & Stephanie**
11:00-11:30		Coffee Break	
11:30-12:15	Diversity session II w/ Sherard & Stephanie	Announcement re new schedule: Classical accretion solutions: Bondi and Bondi-Hoyle-Lyttleton (Oliver)	
12:15-13:00		**12:15-13:30: Lunch**	
13:00-14:45		13:30 - 14:45 High Energy Neutrino Astronomy (Irene)	**13:00-14:45: lunch in cantine: LOC needs to pick up food and bring up!**
14:45-16:45	Compiling, running HARMPI, and visualizing the results (Sasha)	14:45-15:15: Social Time - talk with Lecturers - Menti poll.	**14:45 - 16:45** (Optional) Continue low angular momentum HARMPI problem, setup some problems (pre-cooked to some extent, tailored to different levels?) to run over weekend?
16:45-17:15		15:15-16:45: Low angular momentum accretion (adapted to use HARMPI, Oliver/Sasha), maybe working in some of the relativistic Bondi accretion in Schwarzschild ideas?	
17:15-18:45	Setting up new problems in HARMPI (Sasha)	16:45: Coffee Break and hangout, end of day	
evening program?	How to write effective research proposal and paper (Coordinated by Irene), with food		19:00 Social Dinner @ dignita hoftuin

Time	Sunday, July 21	Monday July 22	Tuesday July 23
9:30-10:15	Social outing: ESTEC + Space Expo + maybe beach	Introduction to Bayesian Statistics (Daniela)	
10:15-11:00			OoM estimating plasma and fluid parameters (Nicole)
11:00-11:30		Coffee Break	Coffee Break
11:30-12:15		Nonlinear ODEs: wind equation (Chiara)	Derive M-sigma relation (OoM; Andrew)
12:15-13:00			**12:15-13:30**: Lunch
13:00-14:45		Lunch	13:30-15:00: Dra Nicole workshop II on workflow
14:45-16:45	Coffee Break	**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	15:00-16:15- Informal interaction with lecturers - moving forward on career path; finding opportunities 16:15-16:30 short coffee break with snacks
16:45-17:15		Coffee Break	**16:30-19:30** Workshop: How to give a good talk (Karin Herrebout & Mariël Vaartjes, 2 groups)
17:15-18:45		Dra Nicole workshop I, on Self-Care	
evening program?			

Time	Wednesday July 24	Thursday July 25	Friday July 26
9:30-10:15	Intro to Machine Learning (Camille)	MHD turbulence, viscosity, vorticity (Blakesley)	Student-Mentor Connection (Enrico)
10:15-11:00			Unstructured time
11:00-11:30	Coffee Break	Coffee Break	Coffee Break
11:30-12:15	Machine Learning extension	HARMPI study of low-luminosity accretion & radiation processes (Jason/Jane)	Discussion, reflection, feedback, how to move forward and community build? (Daniela ~20 min)
12:15-13:00	Optional time for work and questions/interactions with lecturers (Student-Mentor Connections)		
13:00-14:45	Lunch	Lunch	Lunch
14:45-16:45	**14:45-16:15**: Intro to GR ray-tracing and tutorial on geodesic calculation (Jane). **16:15 - 17:00**- Finish: Tutorial/work example (Chiara) on using Multinest	Intro to MWL SED fitting and (precooked) Isis tutorial (Sera)	**14:45 - 16:15:** Closing Borrel
16:45-17:15	**17:00 -** Coffee Break	Coffee Break	
17:15-18:45		**17:15-18:00:** (optional) extra work time for HARMPI or MWL modeling	
evening program?			