Program NHR Summer School 2025

Time	Monday	Tuesday	Wednesday	Thursday	Friday
Morning	–	**NHR@TUDa:** CI/CD for Research Software (*beginner*), (room 2.049) --- **NHR@TUDa:** CI/CD for Research Software (*advanced*), (room eStudio)	**NHR@FAU:** Introduction to GPU Programming I: Models, Techniques, and Hands-On Exploration (*beginner*), (room 2.049) --- **NHR@FAU:** Code generation for HPC Part I (*advanced*), (room eStudio)	**NHR@ZIB:** Getting started with modern AI frameworks and scaling them on supercomputing cluster Part I (*beginner*), (room 2.049) --- **NHR@ZIB:** Introduction to GPU programming II: SYCL and OpenMP Part II (*beginner*), (room eStudio)	**Lecture by NHR-GS**: Introduction to the science system in Germany, Dr. Franka Derwisch, Managing Director, (room 2.049)
Lunch break	–	university cafeteria	university cafeteria	university cafeteria	university cafeteria
Afternoon	Welcome + Poster Session, (room 2.049)	**NHR@TUDa:** CI/CD for Research Software (*beginner*), (room 2.049) --- **NHR@TUDa:** CI/CD for Research Software *advanced*), (room eStudio)	**NHR@ZIB:** Introduction to GPU programming II: SYCL and OpenMP Part II (*beginner*), (room 2.049) --- **NHR@FAU:** Code generation for HPC Part II (*advanced*), (room eStudio)	**NHR@FAU:** Introduction to GPU programming (hands-on phase), (room 2.049) --- **NHR@ZIB:** Getting started with modern AI frameworks and scaling them on supercomputing cluster Part II (*beginner),* (room eStudio)	End
Evening	Barbecue in the courtyard	Guided tour of the old town in **Nürnberg** + group dinner	free evening, self-organized activities	Guided tour of the **Erlangen** Computer Collection (ISER) + Tour of the old cellars followed by dinner in **Erlangen (Entlas cellar)**	–

Further information is provided on Moodle: https://moodle.nhr.fau.de/course/view.php?id=137