


Plasma Physics 4th Get Together

on **December 20th 2022 at 9:00 am**
at **Theorie Seminarraum**

Start/Duration	Speaker	Title
09:00	Vincent BAGNOUD	WELCOME and Introduction
	Session 1, Chair: Jonas Ohland	
09:15	Yannik Zobus	A high-contrast, millijoule-level seed for the PHELIX and PENELOPE lasers
09:30	Simon Röder	The current state of the semi-coherent temporal contrast at PHELIX
09:45	Christoph Bläser	Targetry Automation - For higher repetition rate experiments at HHT
10:00	Marcus Malki	Frequency doubling of incoherent laser pulses for inertial fusion experiments
10:15	Martin Metternich	Transport and shaping of laser-accelerated ion beams
10:30	Haress Nazary	Preperational Beamtimes for Stopping Power Experiments with LIGHT
10:45	Philipp Beloiu	Optimization of the Electron Beam in DLA-Regime
11:00	Philipp Hesselbach	First Combined Laser-Ion Experiments at the HHT Experimental Station
11:15/1 h	Brunch Break	
12:15	Session 2, Chair: Johannes Hornung	
12:15	Pascal Boller	Acceleration in relativistic transparency regime, Proton fission, Gamma fission
12:30	Carlos Butler	X-Ray Spectrometers for Short-Pulse Laser Plasma Experiments
12:45	Rene Kalla	Detection of gamma-induced fission products caused by high electron fluxes bremsstrahlung
13:00	Mikhail Gyrdymov	Modified Magnetic Spectrometer and its Application for Measurement of Betatron Radiation
13:15	Leonard Wegert	FALSH 2D simulations for physics stuff
13:30	Sarah Grimm	Measurement of the Free Electron Density in a Laser-Generated Plasma
13:45	Dustin Posor	The adventures of the Wombat and its Donut at ELI-NP
14:00	Sebastian Busch	Anwendung der Nukleardiagnostik für Charakterisierung von MeV-Bremsstrahlung in Experimenten zur Wechselwirkung relativistischer Laserpulse mit Schäumen
15:00	 Christmas Party at Kalkofen 