

Name	Institution	Presentation Title
<b>Day 1: Setting the stage</b>		
Hendrik Schatz and Duncan Galloway		Welcome and introduction
Alexander Heger	Monash University	Modelling of Type I X-Ray bursts
Gry Merete Tveten	University of Oslo	From nuclear experiments to astrophysical reaction rates
Valery Suleymanov	University of Tuebingen	The influence of accretion on the spectral evolution of X-ray bursting neutron stars.
<b>Day 2: Long bursts and rp-process</b>		
Andrew Cumming	McGill University	Winds and mass loss in long X-ray bursts
Alice Harpole	University of Southampton	Multiscale modelling of neutron star oceans
Zac Johnston	Monash University	Parameter estimation using large grids of multizone burst models
Celia Sanchez Fernandez	ISOC/ESAC/ESA	X-ray burst-induced spectral variability in Ginga 1826-24
Khaled Alizai	DTU Space	A multi-instrument catalog of long thermonuclear X-ray bursts.
Motoko Serino	Aoyama Gakuin Univ.	MAXI observations of X-ray bursts
<b>Day 3: Reaction Rates and Nuclear Physics</b>		
Adam Jacobs	Michigan State University	X-Ray Burst Reaction Rate Sensitivities
Alfredo Estrade	Central Michigan University	Sensitivity of X-ray bursts to nuclear reaction rates in a single-zone model
Adelle Goodwin	Monash University	Neutrino Losses Overestimated in Type I Thermonuclear X-ray Bursts and a New Nuclear Energy Generation Estimate
Douglas Soltesz	Ohio University	Use of (3He,n) Indirect Measurements to Study H and He Burning Reactions of Type-1 X-Ray Bursts
Zachary Meisel	Ohio University	Exploring Nuclear Physics Uncertainties in Models of Type-I X-ray Bursts with MESA (via Zoom TBC)
Matthew Amthor	Bucknell University	Coupled Sensitivities in rp-Process Nuclear Reaction Rates
<b>Day 4: Neutron Star Crust and Cooling</b>		
Edward Brown	Michigan State University	What lies beneath: reaction heating and cooling in the neutron star crust
Alex Deibel	Indiana University	Reaction network crust compositions in crust cooling models
Laura Ootes	University of Amsterdam	Constraining shallow heating from crust cooling and superburst ignition
Matthew Caplan	McGill University	Compositional Domains in Accreted Neutron Star Crusts
Jerome Chenevez	DTU Space	A search for burst spectral features with NICER
Johannes in't Zand	SRON	Empirical constraints on the cooling and rp-process in X-ray bursts
Joonas Nattila	NORDITA	Understanding the nuclear physics of neutron stars with X-ray bursts
<b>Day 5: Burst Oscillations and Future Observations</b>		
Anna Watts	University of Amsterdam	Burst oscillations
Yuri Cavecchi	Princeton University	X-Ray Burst Rate vs Accretion Rate and Spin Frequency
Anna Bilous	Universiteit van Amsterdam	Revisiting the fractional amplitudes of type I thermonuclear burst oscillations in the RXTE legacy dataset
Emma van der Wateren	University of Amsterdam	Obtaining neutron star mass and radius estimates from the burst oscillations of the accreting MSP J1814-338
Frank Chambers	University of Amsterdam	New burning physics and burst oscillations
Can Gungor	Institute of High Energy Physics (IHEP), Beijing	Partial Accretion in the Propeller Stage of Aql X-1
Gaurava Kumar Jaisawal	National Space Institute (DTU Space)	NICER views of thermonuclear bursts
Hendrik Schatz and Duncan Galloway		Workshop Summary