

Sun	Time	Monday, March 13, 2023	Tuesday, March 14, 2023	Wednesday, March 15, 2023	Thursday, March 16, 2023	Friday, March 17, 2023	Time Sat
	08:33	Departure of Ski Resort Bus from Hotel Gasthof Waldwirt					08:33
	08:36	Departure of Ski Resort Bus from Hotel Gästehaus Walpurga					08:36
	08:39	Departure of Ski Resort Bus from Hotel Landhaus Ausswinkl					08:39
	08:49	Arrival of Ski Resort Bus at Kirchenwirt/Church near Parish Center (school venue)					08:49
	09:00	Setting up posters	Chair: Olivier Sorlin Gabriel Martinez-Pinedo (40+5)	Chair: Konrad Schmidt Gabriel Martinez-Pinedo (40+5)	Chair: Marcel Heine Aurora Tumino (40+5)	Chair: Vanessa Hill Aurélie Bonhomme (25+5)	09:00
	09:15	Chair: Sara Palmerini Russbach Mayor (5) Sara Palmerini (10) Welcome and introduction	Introduction to neutron capture processes	Nucleosynthesis in the rapid neutron capture process	Indirect methods in nuclear astrophysics	Astrophysical key fusion reactions of carbon and oxygen with the high-precision STELLar Laboratory (STELLA)	09:15
	09:30	Olivier Sorlin (15) History of the Russbach School on Nuclear Astrophysics				Thibaut Dumont (12+3) Impact of a new $^{12}\text{C}+^{12}\text{C}$ reaction rate on stellar evolution	09:30
	09:45	Andreas Korn (40+5)	Sergio Cristallo (40+5)	Remco Zegers (40+5)	Rosanna Depalo (40+5)	Gabriele Cescutti (40+5)	09:45
	10:00	Introduction to observational nuclear astrophysics	The slow neutron capture process	Constraining weak interactions in nuclear astrophysics	Nuclear astrophysics in underground laboratories	Galactic chemical evolution: spotlight on neutron capture elements	10:00
	10:15						10:15
	10:30	Coffee break (30 min)	Coffee break (30 min)	Coffee break (30 min)	Coffee break (30 min)	Coffee break (30 min)	10:30
	10:45						10:45
	11:00	Flavia Dell'Agli (40+5)	Flavia Dell'Agli (40+5)	Anthea Fantina (40+5)	Eliana Masha (40+5)	Romain Lucchesi (25+5)	11:00
	11:15	Introduction to stellar modeling	Dust formation around evolved stars	Probing the Equation of State (EoS) of dense matter with neutron stars	Recent measurements from Felsenkeller shallow-underground laboratory	Early chemical evolution of dwarf galaxies and the Milky Way Halow	11:15
	11:30					Benjamin Wehmeyer (25+5)	11:30
	11:45	Aurora Tumino (40+5)	Matej Lipoglavšek (25+5)	Adriana R. Raduta (25+5)	Reto Trappitsch (40+5)	Galactic Chemical Evolution with radioactive isotopes	11:45
	12:00	Introduction to nuclear physics in astrophysics	Electron screening in palladium	Equations of state of dense matter in the light of present and future nuclear physics and astrophysics constraints	Nucleosynthetic anomalies in the Solar system		12:00
	12:15		Vibhutiben Vashi (12+3)	Mikhail V. Beznogov (12+3)		Lorenzo Roberti (25+5)	12:15
	12:30	Lunch break (240 min)	Lunch break (240 min)	Lunch break (240 min)	Lunch break (330 min)	Lunch break (240 min)	12:30
	16:15	Optional: Fossils Museum (14:00 in front of Ausswinkl)	Optional: Snow Shoe Hike (relaxed hike)	Optional: Snow Shoe Hike (sporty)	Optional: Trip to Hallstatt	Optional: Snow Shoe Hike (sporty tour)	16:15
	16:30	Chair: Andreas Korn Domenico Santonocito (40+5)	Chair: G. Martinez-Pinedo Marco Pignatari (40+5)	Chair: Gabriele Cescutti Vanessa Hill (40+5)	by public busses: 13:46 Russbach, Gseng Bus 470, direction Gosau 13:57 - 13:59 Gosau Bus 542, direction Bad Ischl 14:12 - 14:15 H. Gosamühle Bus 543, direct. Obertraun 14:23 - 16:12 Hallstatt, Lahn Bus 543, d. H. Gosaumühle 16:20 - 16:33 H. Gosaumühle Bus 542, direction Gosau 16:45 - 16:48 Gosau Bus 470, d. Golling-Abtenau 16:58 Russbach Gseng	Chair: Fernando Montes Felix Heim (25+5)	16:30
	16:45	The PANDORA project: a setup for in-plasma β -decay studies in nuclei of astrophysical interest	The intermediate n-capture process, observational constraints and modeling	Introduction to Galactic Chemical Evolution		In-beam γ -ray spectroscopy for cross-section studies relevant for the p process	16:45
	17:00					Svenja Wilden (12+3)	17:00
	17:15	Bharat Mishra (12+3)	Hannah C. Berg (12+3)	Viola Hegedűs (12+3)		Total & partial cross-section studies of $^{87}\text{Rb}(p,\gamma)^{88}\text{Sr}$	17:15
	17:30	Plasma-Induced Variation of bound state β -decay rates with PANDORA	Nd: Will it make a difference in i-process abundances?	Modelling the Galactic Chemical Evolution of the Milky Way with OMEGA+		Martin Müller (12+3)	17:30
	17:45	Coffee break (30 min)	Coffee break (30 min)	Coffee break (30 min)		Determine $^{170,172}\text{Yb}(\alpha,n)^{173,175}\text{Hf}$ cross sections in a stacked-target experiment	17:45
	18:00	Margareta Sigmund (12+3)	Artemis Tsantiri (12+3)	Sophie Tsiatsiou (12+3)	Chair: Rosanna Depalo Xuedou Su (12+3)	Coffee break (30 min)	18:00
	18:15	Structure of n-rich light nuclei and its implications on the synthesis of heavy elements	Constraining the γ process: $^{82}\text{Kr}(p,\gamma)^{83}\text{Rb}$ cross section studies in inverse kinematics	Primary neutron production in rapidly rotating Population III stellar model	Study of the $^{19}\text{F}(p,\alpha)^{16}\text{O}$ cross section in the energy range of astrophysical interest	David Werner (12+3)	18:00
	18:30	Reto Trappitsch (40+5)	Andreas Korn (40+5)	Camilla Juul Hansen (40+5)	Fernando Montes (40+5)	Analysis of the triple α decay of the 0^+_2 state in ^{12}C	18:15
	18:45	Introduction to presolar grains	Solving the Li problem	Stellar observations of heavy elements	Colliding and exploding stars: How the not so heavy elements are created	Jenny Feige (40+5)	18:30
	19:00	Balázs Szányi (12+3)	Irene Vanni (12+3)	Alexander Dimoff (12+3)	Rahul Jain (12+3)	Supernova Dust on Earth	18:45
	19:15	Upgrading the n-capture and decay rates of Monash nucleosynthesis code	Unveiling the nucleosynthetic signature of the first stars	Radial velocity monitoring of s-process binaries	Inferring properties of a mysterious shallow heat source in accreting n-star crusts	Konrad Schmidt (30)	19:00
	19:30	Nisha Singh (12+3)	Johannes Puschnig (12+3)	Arianna Vasini (12+3)	Jorge Morales (12+3)	Closing Remarks	19:15
	19:45	Determining the structure of exotic atomic nuclei for astrophysical explosions	Spectroscopy made easy	^{26}Al and ^{60}Fe in the Large Magellanic Cloud	Neutron star mountains and gravitational waves		19:30
	19:30	Transition / Walking from Parish Center to Hotel Landhaus Ausswinkl					19:30
	19:45	Dinner at Hotel Landhaus Ausswinkl		Dinner at Hotel Landhaus Ausswinkl			19:45
	20:00			Conference dinner at Hotel Landhaus Ausswinkl	Jenny Feige (45+15) Public talk (in German) Erdnahe Supernovae - Was die Tiefsee über unser Leben in der Blase verrät	Farewell party at Hotel Landhaus Ausswinkl	

Departure