MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
08:30-09:00 Registration	Chair: Elena Amato 09:00-09:40 Andrea	Chair: Edin Husidic 09:00-09:40 Jacco Vink	Turbulence in	Shock	
	Botteon (Galaxy clusters: the largest particle accelerators in	(Probing magnetic field geometries and turbulence in the	Plasmas Chair: Masahiro Hoshino	acceleration Chair: Damiano Caprioli	
	the Universe) — Review talk	immediate post shock regions of young supernova remnants using the Imaging X-ray			
		Polarimetry Explorer (IXPE)) — Review talk			
09:00-09:20 Welcoming from Silvia Perri/	Particle acceleration	Studies on particle transport Chair: Edin Husidic	09:00-09:30 Maria Federica Marcucci (The ESA M7	09:30-10:00 Domenico Trotta (Welcome to Solar Maximum! Solar	solar heliospheric
Gaetano Zimbardo (In memory of Prof. Vincenzo Carbone)	observations and modeling Chair: Elena Amato	Chair. Euiri Husiaic	candidate mission Plasma Observatory) —online	Orbiter observations of accelerated particles at interplanetary shocks)	galactic
Chair: Jasmina	09:40-10:10 Karl -	09:40-10:10 Sarah	09:30-10:00 William H.	10:00-10:30 Rebecca	extragalaction
Magdalenic Zhukov 09:20-10:00 Horst Fichtner (Particle transport in the	Ludwig Klein (Radio observations of particle acceleration and particle	Recchia (Cosmic ray transport in the Galaxy)	Matthaeus (Magnetic and plasma structure in turbulence: influence on particle	Diesing (From Microphysical Theory to Multi-Messenger Observations: A Semi-	
heliosphere)— Review talk	propagation in solar flares)		energization)—online	Analytic Approach to Diffusive Shock Acceleration)	
Particle acceleration	10:10-10:30 Mykola Gordovskyy (Using magnetic connectivity	10:10-10:40 Martin Lemoine (Particle acceleration and	reciprocal impact of	10:30-10:50 Giuseppe Prete (Numerical investigation of particle	
observations and modeling Chair: Jasmina	for predicting the locations of non-thermal emission sources in solar flares)	transport in astrophysical, magnetized turbulent plasmas)		acceleration at interplanetary shocks for both normal and super diffusive transport	
Magdalenic Zhukov 10:00-10:30	10:30-10:50 Nicole	10:40-11:00 Sophie	10:20-10:40 Sergio	scenarios) 10:50-11:20 Coffee	
Christina Cohen (Recent Observations of SEPs from Parker	Vilmer(Connecting energetic electrons at the Sun and in the	Aerdker (On anomalous transport and acceleration of high-	Servidio (Coherent structures and particles acceleration in special-	break	
Solar Probe)	Heliosphere through X-ray and radio diagnostics)	energy particles)	relativistic turbulence)		
10:30-11:00 Kosuke Nishiwaki (Tracing cosmic-ray	10:50-11:20 Coffee break	11:00-11:30 Coffee break	10:40-11:00 Denise Perrone (Solar Orbiter observations in a slow	Turbulence in Plasmas Chair:	
acceleration in galaxy clusters and filaments: cosmological MHD			Alfvènic wind of proton and alpha particle kinetic signatures close	Patrick Reichherzer	
simulations and Lagrangian tracers)			to switchbacks)		
11:00-11:30 Coffee break	Reconnection in astrophysics	Particle acceleration	11:00-11:30 Coffee break	11:20-11:40 Nikita Nikita (Bridging simulations of	
	Chair: Sergio Servidio	observations and modeling Chair: Nicole Vilmer		kink instability in relativistic magnetized jets with radio emission and polarisation)	
11:30-11:50 Giuseppe	11:20-11:50 Masahiro	11:30-12:00	Studies on	11:40-12:00 Emanuele	
La Vacca (Towards a semi-analytical description of the heliosphere boundaries)	Hoshino (Nonthermal particle acceleration during turbulent magnetic	Nina Dresing (A new era of multi-spacecraft solar energetic particle observations in the	particle transport Chair: Gaetano Zimbardo	Greco (Investigating magnetic turbulence in Supernova Remnants through X-ray Jitter	
	reconnection)	heliosphere)		radiation)	
11:50-12:10 Anna Ivleva (Odd Radio Circles	11:50-12:20 Luca Comisso (Particle	12:00-12:30 Ludwig Boess	11:30-12:00 Mateja Dumbovic (Measuring	12:00-12:20 Eleonora Puzzoni (Solar disk	
(ORCs): probing radio features at group scales with simulations)	acceleration in highly magnetized plasmas)	(Cosmological simulations with a spectral cosmic ray	Forbush decreases and probing CME evolution)	gamma-ray emission from turbulent magnetic structure of the solar	
	•	model)	•	atmosphere)	
Shock acceleration	12:20-12:40 Silvio Sergio Cerri (Revisiting the turbulent damping of	12:30-12:50 Xin-Yue Shi (Production of unstable cosmic-ray isotope 60Fe	MacTaggart (The source	12:20-12:40 Riccardo Ferrazzoli (A shock- compressed magnetic	
Chair: Domenico Trotta		·	half-year modulation	field revealed by X-ray polarimetry in RXJ1713.7-394)	
12:10-12:40 Illya Plotnikov	12:40-13:10 Daniel Ryan (Particle	12:50-13:10 Mitsuo Oka (Maximum Energy of	12:20-12:40 Jeremiah Luebke (Modeling fast	12:40-13:00 Alessandra Mercuri (Revisiting X-ray	
(Acceleration of solar energetic particles by coronal shock waves)	acceleration in solar eruptive flares)	Particles in Plasmas)	charged particle transport in strong magnetic turbulence)	polarization of the shell of Cassiopeia A using spectropolarimetric analysis)	
	•			a lalysis)	
12:40-13:00 Federica Chiappetta (Investigation of CME-	13:10-14:30 Lunch	13:10-14:30 Lunch	12:40-13:00 Frederic Effenberger (Challenges in modelling and	13:00-13:20 Rita Megale (Measures of turbulence near black holes)	
driven shocks observed through in-situ measurements and			explaining Fermi Solar Gamma Ray flares)	_	
remote-sensing data from multi-spacecraft)	Chair: Giuseppe Nisticò.	Chack	13:00-14:30 Lunch	13:20-13:30 Closing	
13.00-14.30 Euricii	14:30-15:10 Robert Wimmer-Schweingruber (Observations of Solar	Shock acceleration Chair: Silvia Perri		remarks and end of the conference	
	Energetic Particles)— Review talk				
14:30-15:10 Alexandre Marcowith (Cosmic rays	Turbulence in	14:30-15:00 Gary Zank (Flux ropes,	Particle		
acceleration and transport) — Review talk — online	plasmas Chair: Giuseppe Nisticò	turbulence, and collisionless shocks)	acceleration observations and modeling		
Studies on	15:10-15:40 Lorenzo	15:00-15:30 Damiano	Chair: Karl-Ludwig Klein 14:30-15:00 Paola		
particle transport Chair: Frederic Effenberger	Sironi (Magnetic field generation and particle acceleration in	Caprioli (Particle acceleration at shocks: kinetic	Dominguez Fernandez (AGN bubbles in merging galaxy		
Lifetiberger	turbulent plasmas)	simulations)	clusters: contribute to diffuse radio emission)		
15:10-15:40 Edin Husidic (Modelling Coronal Mass	15:40-16:10 Olga Alexandrova (Small scale turbulence in the	15:30-16:30 Poster session	15:00-15:30 Angels Aran (TBA)		
Ejections and energetic particles transport in the corona	solar wind)		•		
and inner heliosphere)					
15:40-16:00 Lukas Merten (Modeling focused pitch angle	16:10-16:30 Fabio Bacchini (First-principles simulations of black-hole	16:30-16:45 Coffee break	15:30-15:50 Beniamino Sanò (Identifying Regions of Interest in		
diffusion with stochastic differential equations)	accretion: recent advances)		Plasma Using Unsupervised Machine Learning)		
140.00	10.00 15	10.15	45-70-11		
16:00-16:20 Daniel Verscharen (Transport of thermal and supra thermal electrons in the	16:30-16:45 Coffee break	16:45-17:30 Coffee talks (Open discussion) Leaders: Andrea Botteon/Nina Dresing	15:50-16:30 Poster session		
structured solar wind)		And Drosing			
16:20-16:45 Coffee break	16:45-17:30 Coffee talks (Open discussion)		16:30-16:45 Coffee break		
	Leaders: Jacco Vink/ Robert Wimmer Schweingruber				
16.45-17:30 Coffee talks (Open discussion)			16:45-17:30 Coffee talks (Open discussion)		
Leaders: Horst Fichtner/ Sarah Recchia			Leaders: Gary Zank/ Angels Aran		
			20:30 SOCIAL DINNER		

Particle Acceleration and Transport: from the Sun to Extragalactic Sources—University Club Unical—Programme