

SUPERNOVA REMNANTS III

AN ODYSSEY IN SPACE AFTER STELLAR DEATH

9-15 June 2024, Chania, Crete, Greece



PROGRAM BOOK

Scientific Organizing Committee:

P. Boumis (Greece, co-chair)
P. Slane (USA, co-chair)
T. Janka (Germany)
B-C. Koo (S. Korea)
M. Lemoine-Goumand (France)
R. Margutti (USA)
S. Orlando (Italy)
J. Raymond (USA)
S. Safi-Harb (Canada)
T. Temim (USA)
H. Yamaguchi (Japan)
P. Zhou (China)

Local Organizing Committee:

P. Boumis (Greece, co-chair)
S. Akras (Greece, co-chair)
D. Abartzi (Greece)
A. Bonanos (Greece)
A. Chiotellis (Greece)
E. Christodoulou (Greece)
S. Derlopa (Greece)
M. Zapartas (Greece)
M. Kalitsounaki (Greece)
M. Kopsacheili (Spain)
A. Koutromanou (Greece)
I. Leonidaki (Greece)
G. Munoz-Sanchez (Greece)
D. Souropanis (Greece)
K. Tsakanika (Greece)

Venue: Minoa Palace Resort & Spa (Imperial Main Hall)

A conference organized by the National Observatory of Athens, Greece

CONFERENCE PROGRAM

Sunday June 09

16:00 – 18:30 Registration
20:30 – 00:00 **Welcome Reception** @ beach area of Minoa Palace Resort

Monday June 10

07:45 – 08:30 Registration

Morning Session (Chairs: I. Leonidaki & D. Milisavljevic)

08:30 – 08:40 P. Boumis/P. Slane Welcome
08:40 – 09:15 R. Fesen (Opening Plenary) Recent advances in the X-Ray, radio, and optical regimes for the detection and study of Galactic and extragalactic SNRs

Session 1: Populations/Surveys and Classifications of SNRs & SNe

09:15 – 09:50 M. Sasaki SNR population in nearby galaxies
09:50 – 10:10 M. Filipovic The future is here! Diprotodon's, Potoroo's, Kyklos, ORC's and other new SNR wonders of radio surveys.
10:10 – 10:30 L. Jing Discovery of ~2200 new SNRs in 19 nearby star-forming galaxies using MUSE spectroscopy
10:30 – 10:50 M. Kopsacheili New larger sample of SNRs in NGC 7793, using MUSE IFS
10:50 – 11:00 1slide/1min 10 Poster Presentations - Session 1

Coffee Break & Poster Viewing

11:30 – 12:05 Y.-H. Chu Environmental effects on the LMC SNR population
12:05 – 12:25 F. Zangrandi eROSITA study of the LMC SNRs
12:25 – 12:45 C. Treyturik The Many Faces of Type Ia SNRs: what can X-ray observations tell us about their progenitors and explosion mechanism?
12:45 – 13:05 S. Loru The MeerKAT view on Galactic SNRs

13:05 – 14:30 **Lunch**

Afternoon Session (Chairs: T. Temim & N. Smith)

14:30 – 14:50 A. Rest Light echoes of an unknown SNR in 30 Doradus

Session 2: SNe and SNRs with Circumstellar Interactions

14:50 – 15:25	<u>P. Chandra</u>	Unveiling the progenitors of young supernova via their circumstellar interaction
15:25 – 15:45	E. Beasor	A JWST view of the failed SN candidate N6946-BH1
15:45 – 16:05	A. Pazhayath Ravi	Latest evolution of the X-Ray remnant of SN 1987A: beyond the inner ring
16:05 – 16:20	1slide/1min	15 Poster Presentations - Sessions 1 & 2
16:20 – 16:50	Coffee Break & Poster Viewing	
16:50 – 17:10	S. Derlopa	SNR IC443 - morphology and kinematics of the "Jellyfish nebula" in three dimensions
17:10 – 17:30	Y. Inoue	Toward understanding the progenitor channels to SNe I _{bn} /I _{cn} : X-ray modeling of their SN-CSM interaction
17:30 – 17:50	R. Chornock	Multiwavelength observations of old stripped-envelope Supernovae
17:50 – 18:10	M. Shrestha	Polarization signature showing an elevated and asymmetric mass loss from the progenitor of SN2023ixf prior to the explosion
18:10 – 18:30	1slide/1min	20 Poster Presentations - Sessions 2 & 3
18:30 – 19:00	Poster Viewing	

Tuesday June 11

Morning Session (Chairs: S. Orlando & J. Vink)

Session 2: SNe and SNRs with Circumstellar Interactions

09:00 – 09:35	<u>A. Chiotellis</u>	On the interaction of SNRs with their CS medium: evolution, properties and progenitors imprints
09:35 – 09:55	H. Lee	Broadband non-thermal emission as an effective probe of progenitor origins of core-collapse SNRs
09:55 – 10:15	L. Dessart	Radiative transfer models for 1-10yr-old SNe: influence of interaction power, magnetar power, and dust

Session 3: SN/SNR Progenitors, Central Engines, Explosion Models

10:15 – 10:35	J. Raymond	What will Eta Car look like in 2 thousand years?
10:35 – 10:55	G. Ferrand	Typing thermonuclear explosions from observations of young supernova remnants
10:55 – 11:00	1slide/1min	5 Poster Presentations - Session 3
11:00 – 11:30	Coffee Break & Poster Viewing	

SUPERNOVA REMNANTS III: AN ODYSSEY IN SPACE AFTER STELLAR DEATH

11:30 – 12:05	<u>C. Fryer</u>	Supernova Remnants as probes of the core-collapse Supernova engine and its progenitors
12:05 – 12:25	C. Ashall	Using JWST to observe supernovae from days to years past explosion
12:25 – 12:45	A. Chrimes	New insights into the Galactic magnetar population
12:45 – 13:05	M. Miceli	Collimated Fe-rich ejecta in the magnetar-hosting supernova remnant Kes 73

13:05 – 14:30 **Lunch**

Afternoon Session (Chairs: O. Kargaltsev & A. Bonanos)

14:30 – 15:05	<u>N. Smith</u>	Massive star progenitors of SNe and SN remnants with strong CSM interaction
15:05 – 15:25	M. Gabler	3D long-term evolution of CCSN: connecting explosive dynamics to electromagnetic observations
15:25 – 15:45	M. Zapartas	The population of binary companions next to stripped-envelope core-collapse supernovae
15:45 – 16:05	D. Kresse	Post-explosion hydrodynamics in 3D neutrino-driven Supernova models
16:05 – 16:20	1slide/1min	15 Poster Presentations - Session 3
16:20 – 16:50	Coffee Break & Poster Viewing	
16:50 – 17:10	S. Kumar	Near-infrared spectroscopy of SNe Ia at nebular phases
17:10 – 17:30	K. Antoniadis	Establishing a mass-loss rate relation for Red Supergiants

Session 4: SNR Structure, Ejecta and Evolution

17:30 – 17:50	B. Williams	XRISM mission status and observations of the LMC SNR N132D
17:50 – 18:10	T. Holland-Ashford	Measuring ejecta mass ratios in Kepler's SNR to constrain its origin
18:10 – 18:30	1slide/1min	20 Poster Presentations – Sessions 3 & 4
18:30 – 19:00	Poster Viewing	

Wednesday June 12

Morning Session (Chairs: R. Margutti & R. Fesen)

Session 4: SNR Structure, Ejecta and Evolution

09:00 – 09:35	<u>D. Milisavljevic</u>	Deciphering SNR structure and evolution
---------------	-------------------------	---

SUPERNOVA REMNANTS III: AN ODYSSEY IN SPACE AFTER STELLAR DEATH

09:35 – 09:55	T. Temim	A JWST view of the Crab nebula
09:55 – 10:15	P. Plucinsky	XRISM observations of Cassiopeia A
10:15 – 10:35	S. Orlando	Interpreting JWST observations of Cassiopeia A through 3D MHD modeling
10:35 – 10:55	R. Wesson	3D mapping of the ejecta of SN1987A with ALMA
10:55 – 11:00	1slide/1min	5 Poster Presentations - Session 4
11:00 – 11:30	Coffee Break & Poster Viewing	
11:30 – 12:05	<u>J. Larsson</u>	SN 1987A in the JWST era — compact object, ejecta structure and CSM interaction

Session 5: Shock Physics, Particle Acceleration, Polarization in SNRs and PWNe

12:05 – 12:40	<u>J. Vink</u>	X-ray polarimetry of supernova remnants with IXPE: puzzling magnetic-field geometries and high levels of downstream turbulence
12:40 – 13:00	R. Bandiera	Synchrotron polarization with a partially random magnetic field: general theory, and applications to IXPE observations of young SNRs
13:00 – 13:20	M. Matsuura	JWST NIRCam observations of Supernova 1987A – shocks, synchrotron and dust
13:20 – 13:40	O. Petruk	Evolution of magnetic field structure in SN1987A
13:40 – 14:00	Conference Photo	
15:15 – 22:30	Excursion #1: Tour to Dourakis winery & to Rethymno City	
15:15	Buses depart from Minoa Palace Resort	
22:30	Buses arrive to Minoa Palace Resort	

Thursday June 13

Morning Session (Chairs: J. Raymond & R. Kothes)

Session 5: Shock Physics, Particle Acceleration, Polarization in SNRs and PWNe

09:00 – 09:35	<u>N. Bucciantini</u>	PWNe in the light of the new IXPE observations: putting our understanding to the test
09:35 – 09:55	D. Caprioli	Particle acceleration at SNR shocks: bridging simulations and observations
09:55 – 10:15	P. Ghavamian	Electron-ion equilibration and cosmic-ray acceleration in two Balmer-dominated SNRs
10:15 – 10:35	G. Morlino	Acceleration and release of electrons from SNRs
10:35 – 10:55	R. Diesing	SNRs in their golden years: predicting the bright, nonthermal signatures of radiative shocks

SUPERNOVA REMNANTS III: AN ODYSSEY IN SPACE AFTER STELLAR DEATH

10:55 – 11:00 1slide/1min 5 Poster Presentations – Sessions 4 & 5

11:00 – 11:30 **Coffee Break & Poster Viewing**

11:30 – 11:50 H. Sano Shock-cloud interactions in Supernova Remnants revealed by ALMA

Session 6: SN/SNR dust, environments, feedback

11:50 – 12:25 I. De Looze SN dust formation and destruction in the JWST era

12:25 – 12:45 M. Shahbandeh Unraveling cosmic dust origins: JWST revelations from Supernovae

12:45 – 13:05 E. Dwek The attenuated emission model for the late-time JWST spectrum of SN2010jl

13:05 – 14:30 **Lunch**

Afternoon Session (Chairs: M. Lemoine-Goumand & J. Larsson)

14:30 – 15:05 B.-W. Jiang The extinction distances to Supernova Remnants and the dust properties

15:05 – 15:25 F. Kirchsclager Dust destruction by the reverse shock in clumpy supernova remnants

15:25 – 15:45 T. Szalai Populating the gap in dust-formation history of Type II(P) Supernovae with JWST

15:45 – 16:05 A. Sarangi Modeling dust formation in Supernovae

16:05 – 16:20 1slide/1min 15 Poster Presentations - Sessions 5 & 6

16:20 – 16:50 **Coffee Break & Poster Viewing**

16:50 – 17:10 J. Shimoda The effects of escaping cosmic-rays from Supernova Remnants in the interstellar medium

Session 7: PWN Diversity; Structures, Bowshocks and Magnetar Wind Nebulae

17:10 – 17:45 R. Kothes A Radio Eye on Pulsar Wind Nebulae

17:45 – 18:05 M. Arias The Crab nebula at 150 MHz and sub-arcsecond resolution with the LOFAR long baselines

18:05 – 18:30 1slide/1min 25 Poster Presentations - Sessions 6, 7, 8 & 9

20:15 Buses depart from Minoa Palace Resort to Almira beach bar & restaurant

20:30 – 00:00 **Conference Banquet @ Almira beach bar & restaurant**

00:15 Buses depart from Almira beach bar & restaurant to Minoa Palace Resort

Friday June 14

Morning Session (Chairs: P. Slane & N. Bucciantini)

Session 7: PWN Diversity; Structures, Bowshocks and Magnetar Wind Nebulae

09:00 – 09:35	<u>O. Kargaltsev</u>	Pulsar Wind Nebulae in X-rays: Population Properties, Outstanding Results, and Open Questions
09:35 – 09:55	S. Lazarevic	Discovery of bow-shock Pulsar Wind Nebulae in new generation radio continuum surveys
09:55 – 10:15	P.-S. Ou	Structure of the Pulsar Wind Nebula in SNR 0540-69.3 Revealed by ALMA
10:15 – 10:35	L. Tenhu	Spatial variations and breaks in the optical-NIR spectra of the pulsar and PWN in SNR 0540-69.3

Session 8: SNRs and PWNe as PeVatrons

10:35 – 10:55	E. Simon	Maximum energy cosmic-rays from Galactic SNe: simulations of quasi-parallel and -perpendicular shocks
10:55 – 11:00		Best PhD poster award
11:00 – 11:30		Coffee Break & Poster Viewing
11:30 – 12:05	<u>F. Acero</u>	The what, where, and who of Galactic PeVatrons as probed by high-energy observations
12:05 – 12:25	R. Yang	LHAASO observations on the SNR Cassiopeia A
12:25 – 12:45	I. Sushch	SNRs in stellar clusters: particle acceleration
12:45 – 13:05	M. Lemoine-Goumard	Hadronic particle acceleration in the SNR SN 1006 as traced by Fermi-LAT observations
13:05 – 14:30		Lunch

Afternoon Session (Chair: S. Safi-Harb)

14:30 – 15:05	<u>K. Mori</u>	Multi-wavelength observations of Galactic PeVatrons
---------------	----------------	---

Session 9: SNR/PWN/Compact Objects Associations, Interaction and Evolution

15:05 – 15:40	<u>S. Katsuda</u>	High-resolution X-Ray spectroscopy of Supernova Remnants: from dispersive spectrometers to microcalorimeters
15:40 – 16:00	E. Greco	New constraints on the Pulsar Wind Nebula in SN 1987A from multiwavelength observations and MHD modeling
16:00 – 16:20	D. Torres	Pulsar Wind Nebulae phenomenology and evolution at and beyond reverberation
16:20 – 16:50	Coffee Break & Poster Viewing	
16:50 – 17:25	<u>A. Borghese</u>	The zoo of isolated neutron stars
17:25 – 17:45	T. Kravtsov	Discovery of new oxygen-rich supernova remnants
17:45 – 18:00	P. Slane	Closing Remarks

Saturday June 15

08:30 – 18:30 **Excursion#2: Full-day excursion to Anoskeli winery & olive mill and to Paleochora, the "Libyan Bride"**

Buses depart/arrive from/to Minoa Palace

END OF CONFERENCE



CONFERENCE POSTERS

Session 1: Populations/Surveys and Classifications of SNRs and SNe

- S1.1 F. Bocchino GalRSG: A long-term monitoring campaign of Galactic Red Supergiants and the quest for SN explosions' premonitory signs
- S1.2 F. Bocchino Search for Gamma-ray emission from SNRs in the Large Magellanic Cloud: Preliminary results of a new cluster analysis at energies above 3GeV
- S1.3 C. Burger-Scheidlin Gamma-ray detection of newly discovered Ancora supernova remnant: G288.8-6.3
- S1.4 A. Castrillo Supernova remnant catalog in the PHANGS survey
- S1.5 M. Filipovic Mysterious Odd Radio Circle near the Large Magellanic Cloud - An Intergalactic Supernova Remnant?
- S1.6 B. Gamache Characterization of M51 supernovae remnants with the imaging spectrometer SITELLE
- S1.7 D. A. Green Statistics of Galactic Supernova Remnants
- S1.8 A. Ingallinera Studying SNRs and their environment with high-resolution radio spectral index maps
- S1.9 A. Khokhriakova SNR G321.3-3.9 observed with multi-band radio data and SRG/eROSITA
- S1.10 I. Leonidaki Disentangling the evolutionary paths of Supernova Remnants: observational evidence of (non) multi-wavelength emission
- S1.11 I. Leonidaki A systematic meta-analysis of physical parameters of Galactic SNRs
- S1.12 T.-X. Luo Investigation of Galactic supernova remnants and their environment in $26.6^\circ < l < 30.6^\circ$, $|b| \leq 1.25^\circ$ using radio survey
- S1.13 S. Mantovanini Low radio frequency images of the southern Galactic plane for supernova remnant detection
- S1.14 M. Michailidis X-ray counterpart detection and gamma-ray analysis of the SNR G279.0+01.1 with eROSITA and Fermi-LAT
- S1.15 K. Ronald An L-band Panoramic View of Galactic Supernova Remnants with the Australian SKA Pathfinder
- S1.16 S. Panjkov The Core-Collapse Progenitor Mass Distribution of the Large Magellanic Cloud
- S1.17 N. O. Pinciroli Vago DeepGraviLens: a multi-modal architecture for classifying gravitational lensing data
- S1.18 Z. Smeaton Discovery of new, young Galactic SNR (G329.9-0.5)

Session 2: SNe and SNRs with Circumstellar Interactions

- S2.1 M. Arias Probing supernova remnant VRO 42.05.01's progenitor properties with IRAM 30m observations
- S2.2 R. Baer-Way A multi-wavelength autopsy of a young interacting supernova to unveil its progenitor
- S2.3 M. Chatzopoulos Radiative Transfer Modeling of Astrophysical Transients Powered by Circumstellar Interaction
- S2.4 W.-Y. Chen Multidimensional Radiation Hydrodynamics Simulations of Supernova 1987a Shock Breakout
- S2.5 W.-Y. Chen 2D Rad-Hydro Shock Breakout Simulations on RSG with CSM

SUPERNOVA REMNANTS III: AN ODYSSEY IN SPACE AFTER STELLAR DEATH

S2.6	A. Chrimes	Clues (and conundrums) from the circumstellar media around extreme extragalactic transients
S2.7	T. Court	Type Ia Supernova Remnants in Different Circumstellar Environments
S2.8	J. Horvat	An XMM-Newton study of several nonradiative filaments in the northeastern rim of the Cygnus Loop
S2.9	M. Ichihashi	The thermal relaxation process in collisionless shock of SN1006
S2.10	W. Jacobson-Galan	Final Moments: Observational Properties and Physical Modeling of “Flash Spectroscopy” Supernovae
S2.11	B. Liu	Investigation into SNR-accelerated CRs at the prospect of future MeV gamma-ray detectors
S2.12	L.-D. Liu	Light curves of Multiple Ejecta-circumstellar Medium Interactions
S2.13	E. Makarenko	How do supernova remnants cool? Morphology and optical emission lines
S2.14	M. Matsuura	Infrared emission of supernova remnants in the Small Magellanic Cloud
S2.15	A. Mercuri	Spectral Analysis of Chandra data on selected regions of the Supernova Remnant Cassiopeia A
S2.16	T. Murase	Molecular Clouds associated with middle-aged gamma-ray Supernova Remnants W41 and G22.7-0.2
S2.17	A. Nagy	How can circumstellar interaction explain the special light curve features of Type Ib/c supernovae?
S2.18	S. Orlando	Constraining the CSM structure and progenitor mass-loss history of SN 2014C through 3D hydrodynamic modeling
S2.19	B. H. Pál	A possible circumstellar interaction of SN2004gq
S2.20	O. Petruk	Density and magnetic field gradients in Tycho SNR
S2.21	G. Prete	Interaction of a Supernova Remnant with background interstellar turbulence
S2.22	L. Sun	Probe charge exchange and resonant scattering in Magellanic Cloud supernova remnants with spatially-resolved high-resolution X-ray spectroscopic study of oxygen lines
S2.23	I. Sushch	Role of reflected shocks in particle acceleration in supernova remnants
S2.24	A. Suzuki	Multi-dimensional simulations of interaction-powered supernovae
S2.25	H. Suzuki	Global and Rapid Deceleration of X-Ray Knots and Rims of RCW 103
S2.26	K. Tsuge	Shocked Molecular Clouds in the LMC SNR N132D Revealed by ALMA ACA
S2.27	S. Ustamujic	Modeling the mixed-morphology supernova remnant VRO 42.05.01

Session 3: SN/SNR Progenitors, Central Engines, Explosion Models

S3.1	E. Abdikamalov	Exploring supernova gravitational waves with machine learning
S3.2	M. Anazawa	Estimation of progenitor of Keplers SNR with precision X-ray spectroscopic analysis
S3.3	B. Arbutina	Modeling Binary Systems That Survive Supernova Explosions and Give Rise to Gravitational Waves
S3.4	B. Barna	Different, but still same: on the common(?) origin of the peculiar Type Iax SNe

SUPERNOVA REMNANTS III: AN ODYSSEY IN SPACE AFTER STELLAR DEATH

S3.5	E. Batziou	The Long-time Evolution of Accretion-Induced Collapse of White Dwarfs to Neutron Stars
S3.6	Z. R. Bodola	Massive Progenitor Parade of Stripped-Envelope Supernovae
S3.7	A. Z. Bonanos	Evidence for episodic mass loss in red supergiants from the ASSESS project
S3.8	K. A. Bostroem	Considering the Single and Binary Origins of the Type IIP SN 2017eaw
S3.9	M. Bugli	Numerical models of magneto-rotational supernovae: dynamics, multi-messenger signals, and explosive nucleosynthesis
S3.10	M. Bugli	3D MHD core-collapse supernovae code comparison: the impact of numerics on central engine's simulations
S3.11	E. Christodoulou	Obtaining accurate parameters of Type IIP progenitors in NGC 6822, IC 10 & WLM
S3.12	L. Dang	Typing supernova remnant G352.7-0.1 using XMM-Newton X-ray observations
S3.13	B. Dinçel	Possible pre-supernova binary companion to the progenitor of the supernova remnant IC 443
S3.14	O. Eggenberger Andersen	Black Hole Supernovae and their Equation-of-state Dependence
S3.15	J. I. Gonzalez- Hernandez	Searching for surviving stellar companions of historical galactic type Ia supernovae
S3.16	A. Holas	Electron-capture supernovae - Thermonuclear explosion or gravitational collapse? - The fate of sAGB stars on a knife's edge
S3.17	C. M. Irwin	An unexplored regime of shock breakout: the effect of rapid thermalization on the observed spectrum
S3.18	M. Kalitsounaki	Discovery of an extreme Red Supergiant in the LMC transitioning to a Blue Supergiant
S3.19	E. Kasdagli	Improving Supernova Prescriptions in Binary Population Synthesis Using Detailed Stellar Profiles
S3.20	J. Luo	3D Simulation of SN~Ia SNR: Effects of Companion Star and Progenitor System
S3.21	K. Matsunaga	Formation of Mg-rich SNRs by shell merger and its effect on the explodability
S3.22	G. Munoz-Sanchez	[W60] B90: a mass-losing luminous RSG in the LMC interacting with the CSM
S3.23	T. Narita	Progenitor constraint with CNO abundances of circumstellar material in supernova remnants
S3.24	Z. Niu	The binary progenitor for Type IIP supernovae
S3.25	C. Omand	Probing Energetic Infant Pulsars with Supernova Emission Lines
S3.26	K.-C. Pan	Stellar Mass Black Hole Formation and Multimessenger Signals from Core-collapse Supernova Simulations
S3.27	G. Pignata	Three years observations of the nearby type II SN2008bk
S3.28	A. Rest	The Historic Light Curve of Eta Car's Great Eruption from its Light Echoes
S3.29	P. Ruiz-Lapuente	SN Ia supernova remnant with M dwarf companions
S3.30	R. Sawada	' ⁵⁶ Ni problem' in Canonical Supernova Explosion
S3.31	M. Shahbandeh	The Life Story of Stripped-Envelope Supernovae as told through JWST Observations
S3.32	M. Solar	Binary progenitor systems for Type Ic supernovae
S3.33	T. Tanaka	Expansion Measurements of Tycho's Supernova Remnant and Their Implications of the Progenitor System

- S3.34 H. Uchida Possible evidence of a jet-induced explosion found from X-ray and radio observations of a peculiar SNR G0.61+0.01
- S3.35 J. Weng Upper Limits of ^{44}Ti Decay Emission in Four Nearby Thermonuclear Supernova Remnants

Session 4: SNR Structure, Ejecta and Evolution

- S4.1 M. Agarwal X-ray diagnostics of Cassiopeia A's "Green Monster": evidence for dense shocked circumstellar plasma
- S4.2 S. Akras Spectroscopic analysis tool for *intEgraL* field unit *daTacubEs* (SATELLITE): The case of SNR 0509-68.7
- S4.3 M. Anđelić On the origin of the North Polar Spur
- S4.4 Y. Chen A Monte-Carlo Simulation on Resonant Scattering of X-ray Line Emission in Supernova Remnants
- S4.5 Y.-H. Chi Thermal X-ray Emission in the Western Half of the LMC Superbubble 30 Dor C
- S4.6 P. Das Integral field spectroscopy of type Ia supernova remnants.
- S4.7 D. Dickinson High Resolution Mapping of the Unshocked Ejecta in Cassiopeia A
- S4.8 M. Fontaine Theoretical and Experimental Simulations of Colliding Blast Waves
- S4.9 B. Giudici Hydrodynamic instabilities in three-dimensional simulations of neutrino-driven supernovae of 14 red supergiant progenitors
- S4.10 R. Giuffrida Measuring the initial mass of ^{44}Ti in SN 1987A through the ^{44}Sc emission line
- S4.11 L. Godinaud Mapping the 3D dynamics and spectral properties of Tycho's SNR in X-rays
- S4.12 T. Ko The multi-layer structure of SNR 1181 with a white dwarf in its center
- S4.13 B.-C. Koo JWST Observations of the Cassiopeia A Supernova Remnant: Near-Infrared Colors of Supernova Ejecta
- S4.14 D. Leahy On emission measures and element densities and masses inferred from XSPEC
- S4.15 D. Leahy Models for supernova remnants with reverse shock emission
- S4.16 E. Makarenko Thermal X-ray emission from supernova remnants in 3D (M)HD simulations
- S4.17 S. Mandal Measurement of anisotropies in observed Supernova Remnants and their interpretation using hydrodynamical models
- S4.18 M. Ono Molecular formation in the ejecta of SN 1987A based on three-dimensional hydrodynamical models
- S4.19 S. Panjkov Morphological Insights into the SN progenitors of the Small Magellanic Cloud
- S4.20 G. Payli Investigation of supernova remnant IC 443 and G189.6+3.3 with LAMOST
- S4.21 L. Romano Cloud Formation by Supernova Implosion
- S4.22 V. Sapienza Probing Shocked Ejecta in SN 1987A: A novel diagnostic approach using XRISM-Resolve
- S4.23 N. Sanches Sartorio New Analytical Solutions for Supernova Shocks
- S4.24 L. Sun Evolution of X-ray Gas in SN 1987A from 2007 to 2021: Ring Fading and Ejecta Brightening Unveiled through Differential Emission Measure Analysis

SUPERNOVA REMNANTS III: AN ODYSSEY IN SPACE AFTER STELLAR DEATH

- S4.25 J. C. Toledo-Roy Simulated non-thermal emission of the supernova remnant G1.9+0.3
- S4.26 D. Urošević A method for determination of evolutionary status of supernova remnants from radio data
- S4.27 B. van Baal Nebular Phase Stripped Envelope Supernovae in 3D
- S4.28 K. Vargás Rojas Study of non-thermal emission of Kepler's SNR with MHD numerical simulations.

Session 5: Shock Physics, Particle Acceleration, Polarization in SNRs and PWNe

- S5.1 F. Acero How I learned to stop trusting my X-ray spectral best fits and love nested sampling
- S5.2 B. Ball Radio Polarization Studies of Galactic Supernova Remnants with ASKAP
- S5.3 D. Castro The Expansion and Width of the Synchrotron Filaments Associated with the Forward Shocks of SNRs
- S5.4 L. Del Zanna Relativistic MHD turbulence simulations and synchrotron polarization properties of Pulsar Wind Nebulae
- S5.5 R. Ferrazzoli X-ray polarimetry of RX J1713.7-394
- S5.6 R. Giuffrida Evidence for proton acceleration and escape from the Puppis A SNR using Fermi-LAT observations
- S5.7 E. Greco Jitter radiation as an alternative mechanism for the nonthermal emission in Cassiopeia A
- S5.8 J. Hewitt Resolving the gamma-ray supernova remnant IC 443 with Fermi LAT and VERITAS
- S5.9 J. Hewitt Two new radio-dim, gamma-ray-bright supernova remnants
- S5.10 S. Knežević Shock geometry and physics in the supernova remnant SNR 0509-67.5
- S5.11 P. Kostić Kinetic-based CFD modeling of synchrotron emission spectra at fast SNRs
- S5.12 Y. Ohshiro A self-consistent model of shock-heated plasma in non-equilibrium states for direct parameter constraints from X-ray observations
- S5.13 V. Sapienza Polarization and time evolution of the synchrotron emission in Kepler's SNR
- S5.14 X. Shi The production of unstable cosmic-ray isotopes in supernovae clusters
- S5.15 J. D. Slavin Modeling Shock Emission Including Dust Destruction
- S5.16 K. Stasiewicz Reinterpretation of the Fermi acceleration of cosmic rays in terms of the ballistic surfing acceleration in supernova shocks
- S5.17 S. J. Tanaka A Self-regulated Stochastic Acceleration Model of Pulsar Wind Nebulae
- S5.18 D. Tateishi Suzaku/XIS study of the acceleration environment of bilateral SNR RX J0852.0-4622
- S5.19 S. Ustamujic Modeling the supernova remnant RX J1713.7 - 3946: particle acceleration, gamma-ray emission, and neutrino flux

Session 6: SN/SNR dust, environments, feedback

- S6.1 N. Izumi CI/CO abundance ratio of shock-excited gas in the Magellanic Supernova Remnant N63A
- S6.2 F. Kirchschrager Dust destruction in the clumpy remnant Cassiopeia A: impact of inhomogeneous dust distributions

SUPERNOVA REMNANTS III: AN ODYSSEY IN SPACE AFTER STELLAR DEATH

S6.3	N. Sanches Sartorio	The impact of CSM properties on the dust destruction by supernovae forward shocks
S6.4	H. Sano	ALMA Observations of Supernova Remnant N49 in the Large Magellanic Cloud. II. Non-LTE Analysis of Shock-heated Molecular Clouds
S6.5	T. Scheffler	Dust destruction by supernova remnant forward shocks in a turbulent interstellar medium
S6.6	A. Singleton	Constraining the progenitor properties of the Type Ib supernova iPTF13bvn through its environment with HST and MUSE
S6.7	D. Souropanis	Time-dependent feedback of core-collapse supernovae from binary progenitors via detailed binary population synthesis models
S6.8	T. Tu	A Yebes W band Line Survey towards an Unshocked Molecular Cloud of Supernova Remnant 3C391: Evidence of Cosmic-Ray-Induced Chemistry
S6.9	R. Wesson	The slow formation of dust by core collapse supernovae
S6.10	M. Zhang	Not gone with the wind: survival of high-velocity molecular clouds in the Galactic Centre
S6.11	Q. Zhang	A molecular line survey toward clumps G and E in supernova remnant IC 443 with the Submillimeter Array
S6.12	Z. Zhang	Estimation of the Dust Mass with Infrared Emission and Extinction of the Supernova Remnants: G156.2+5.7, G109.1-1.0, G166.0+4.3, G93.7-0.2
S6.13	S. Zsíros	Disentangling possible dust components of core-collapse supernovae within a Bayesian framework

Session 7: PWN Diversity; Structures, Bowshocks and Magnetar Wind Nebulae

S7.1	J. Alford	Cosmic Ray Leptons Escaping from CTA 1?
S7.2	Y. Chen	“Mirage” and large offsets in the data as a result of asymmetric CR diffusion
S7.3	L. V. da Conceição	Using CFHT’s SHELLE to probe the long-sought shell in the Crab nebula
S7.4	S. Gagnon	Chandra X-ray Observations of PSR J1849-0001 and its Pulsar Wind Nebula
S7.5	X. Li	An Exploration of Misaligned Outflows in Pulsar Wind Nebulae
S7.6	S. Mandal	Diagnosis of Pulsar Wind Nebula dynamics using their filamentary structure
S7.7	K. Yan	Pulsar halos as an origin of the Galactic diffuse TeV-PeV emission: Insight from LHAASO and IceCube

Session 8: SNRs and PWNe as PeVatrons

S8.1	R. Brose	Fast Blue Optical Transients as cosmic-ray sources
S8.2	R. Diesing	The Maximum Energy of Shock-Accelerated Cosmic Rays
S8.3	Y. Gallant	Pulsar Wind Nebulae and their halos observed in TeV and PeV gamma rays
S8.4	S. Lazarevic	Radio-continuum view of PeVatrons
S8.5	Y. Li	Multi-Messenger Modeling of the Monogem Pulsar Halo
S8.6	B. Mac Intyre	The Manatee Nebula W50-SS433: a Galactic PeVatron?
S8.7	I. Sander	Pulsar Wind Nebulae and PeVatrons: A Case Study of PWN G309.92-2.51

SUPERNOVA REMNANTS III: AN ODYSSEY IN SPACE AFTER STELLAR DEATH

- S8.8 N. Tsuji Search for molecular clouds associated with PeVatrons by the Nobeyama 45-m radio telescope: the case of LHAASO J0341+5258
- S8.9 J. Woo Revisiting Cassiopeia A after a decade: the first spatially resolved synchrotron X-ray variability above 15 keV by NuSTAR

Session 9: SNR/PWN/Compact Objects Associations, Interaction and Evolution

- S9.1 J. Ahlvind Late-time X-ray observations Core-Collapse Supernovae - constraints on emission from compact objects and CSM interaction
- S9.2 A. M. Moaz Multi-Wavelength Modelling of the Pulsar Wind Nebulae Kes 75 & HESS J1640-465
- S9.3 J. Suherli A-MUSE-ing Views of the Central Environment of the Vela Jr. and 1E0102-72.3 Supernova Remnants



PARTICIPANT LIST

#	Last Name	First Name	Institution	Country	Email
1	Abdikamalov	Ernazar	Nazarbayev University	Kazakhstan	ernazar.abdikamalov@gmail.com
2	Acero	Fabio	CEA-Saclay	France	fabio.f.acero@gmail.com
3	Agarwal	Manan	Anton Pannekoek Institute for Astronomy	Netherlands	m.agarwal@uva.nl
4	Ahlvind	Julia	KTH Royal Institute of Technology	Sweden	ahlvind@kth.se
5	Akras	Stavros	IAASARS, National Observatory of Athens	Greece	stavrosakras@noa.gr
6	Alford	Jason	NYU Abu Dhabi	UAE	alford@nyu.edu
7	Anazawa	Moe	Kyoto University	Japan	anazawa.moe.66z@st.kyoto-u.ac.jp
8	Andjelic	Milica	University of Belgrade	Serbia	milica.andjelic@matf.bg.ac.rs
9	Andrews	Jeff	University of Florida	USA	jeffrey.andrews@ufl.edu
10	Antoniadis	Konstantinos	IAASARS, National Observatory of Athens	Greece	k.antoniadis@noa.gr
11	Arbutina	Bojan	University of Belgrade	Serbia	bojan.arbutina@matf.bg.ac.rs
12	Arias	Maria	Leiden University	Netherlands	arias@strw.leidenuniv.nl
13	Ashall	Chris	Virginia Tech	USA	chris.ashall24@gmail.com
14	Auchetti	Katie	The University of Melbourne	Australia	katie.auchetti@unimelb.edu.au
15	Baer-Way	Raphael	University of Virginia	USA	bek5cw@virginia.edu
16	Ball	Brianna	University of Alberta	Canada	bdball@ualberta.ca
17	Bandiera	Rino	INAF - Arcetri Astrophysical Observatory	Italy	rino.bandiera@inaf.it
18	Barlow	Mike	University College London	UK	mjb@star.ucl.ac.uk
19	Barna	Barnabás	University of Szeged	Hungary	bbarna@titan.physx.u-szeged.hu
20	Batziou	Eirini	Max Planck Institute for Astrophysics	Germany	batziou@mpa-garching.mpg.de
21	Beasor	Emma	Steward Observatory	USA	ebeasor@arizona.edu
22	Bocchino	Fabrizio	INAF-Osservatorio Astronomico di Palermo	Italy	fabrizio.bocchino@inaf.it
23	Bodola	Zsafia	University of Szeged	Hungary	zsbodola@titan.physx.u-szeged.hu
24	Bonanos	Alceste	IAASARS, National Observatory of Athens	Greece	bonanos@astro.noa.gr
25	Borghese	Alice	Osservatorio Astronomico di Roma	Italy	alice.borghese@gmail.com
26	Bostroem	Azalee	University of Arizona	USA	abostroem@gmail.com
27	Bouchet	Patrice	CEA-Saclay	France	Patrice.Bouchet@cea.fr
28	Boumis	Panos	IAASARS, National Observatory of Athens	Greece	ptb@astro.noa.gr
29	Brandt	Terri	SRON Netherlands Institute for Space Research	Netherlands	terri.j.brandt@gmail.com
30	Brose	Robert	Dublin City University	Ireland	brose@mail.de
31	Bucciantini	Nicolò	INAF - Osservatorio Astrofisico di Arcetri	Italy	niccolo.bucciantini@inaf.it
32	Bugli	Matteo	Università di Torino	Italy	matteo.bugli@unito.it
33	Burger-Scheidlin	Christopher	Dublin Institute for Advanced Studies DIAS	Ireland	cburger@cp.dias.ie
34	Busschaert	Clotilde	CEA-Saclay	France	cbusschaert@hotmail.fr
35	Caprioli	Damiano	University of Chicago	USA	caprioli@uchicago.edu
36	Castrillo	Asier	Autonomous University of Madrid	Spain	asiercastrillo94@gmail.com
37	Castro	Daniel	Harvard-Smithsonian CfA	USA	daniel.castro@cfa.harvard.edu
38	Chandra	Poonam	NRAO	USA	pchandra@nrao.edu
39	Chatzopoulos	Emmanouil	Louisiana State University	USA	chatzopoulos@lsu.edu
40	Chen	Yang	Nanjing University	China	ygchen@nju.edu.cn
41	Chen	Wun-Yi	ASIAA/NTU	Taiwan	f09244001@g.ntu.edu.tw
42	Chi	Yi-Heng	Nanjing University	China	201850042@smail.nju.edu.cn
43	Chiotellis	Alexandros	IAASARS, National Observatory of Athens	Greece	a.chiotellis@noa.gr
44	Chornock	Ryan	UC Berkeley	USA	chornock@berkeley.edu
45	Chrimes	Ashley	European Space Agency	Netherlands	a.chrimes@astro.ru.nl
46	Christodoulou	Evangelia	IAASARS, National Observatory of Athens	Greece	evachris@noa.gr
47	Chu	You-Hua	ASIAA	Taiwan	yhchu@asiaa.sinica.edu.tw
48	Court	Travis	University of Pittsburgh	USA	tac136@pitt.edu
49	da Conceição	Lucas	University of Manitoba	Canada	daconcel@myumanitoba.ca
50	Dang	Lingxiao	Nanjing University	China	lxdang@smail.nju.edu.cn
51	Das	Priyam	UNSW Canberra	Australia	priyam.das@unsw.edu.au
52	De Looze	Ilse	Ghent University	Belgium	ilse.delooze@ugent.be
53	Decourchelle	Anne	CEA-Saclay	France	anne.decourchelle@cea.fr
54	Del Zanna	Luca	Dipartimento di Fisica e Astronomia	Italy	luca.delzanna@unifi.it
55	Derlopa	Sophia	IAASARS, National Observatory of Athens	Greece	sophia.derlopa@noa.gr
56	Dessart	Luc	Institut d' Astrophysique de Paris, CNRS	France	dessart@iap.fr
57	Dickinson	Danielle	Purdue University	USA	dickinsd@purdue.edu
58	Diesing	Rebecca	Institute for Advanced Study/Columbia University	USA	rrdiesing@ias.edu
59	Diñel	Baha	AI und Universitäts-Sternwarte Jena	Germany	baha.dinzel@uni-jena.de
60	Drew	Janet	University College London	UK	j.drew@ucl.ac.uk
61	Dwek	Eli	NASA GSFC, Observational Cosmology Lab	USA	eli.dwek@gmail.com
62	Eggenberger Andersen	Oliver	Stockholm University, Astronomy Department	Sweden	oliver.e.andersen@astro.su.se
63	Ferrand	Gilles	University of Manitoba	Canada	astro.ferrand@gmail.com
64	Ferrazzoli	Riccardo	Istituto di Astrofisica e Planetologia Spaziali	Italy	riccardo.ferrazzoli@inaf.it
65	Fesen	Robert	Dartmouth College	USA	robert.fesen@dartmouth.edu

SUPERNOVA REMNANTS III: AN ODYSSEY IN SPACE AFTER STELLAR DEATH

66	Filipovic	Miroslav	Western Sydney University	Australia	m.filipovic@uws.edu.au
67	Fontaine	Marin	CEA DAM DIF	France	marinfnt92@gmail.com
68	Fryer	Chris	Los Alamos National Laboratory	USA	fryer@lanl.gov
69	Gabler	Michael	University of Valencia	Spain	michael.gabler@uv.es
70	Gagnon	Seth	The George Washington University	USA	sethgagnon@gwu.edu
71	Gallant	Yves	LUPM, University of Montpellier	France	yves.gallant@in2p3.fr
72	Gamache	Billy	Université Laval	Canada	billy.gamache.1@ulaval.ca
73	Ghavamian	Parviz	Towson University	USA	pghavamian@towson.edu
74	Giudici	Beatrice	Universitat de Valencia	Spain	beatrice.giudici@uv.es
75	Giuffrida	Roberta	Università degli studi di Palermo / INAF - OAPa	Italy	roberta.giuffrida@inaf.it
76	Godinaud	Leila	CEA-Saclay	France	leila.godinaud@cea.fr
77	Gonzalez-Hernandez	Jonay	Instituto de Astrofisica de Canarias	Spain	jonay.gonzalez@iac.es
78	Greco	Emanuele	INAF - Osservatorio Astronomico Palermo	Italy	Emanuele.greco@inaf.it
79	Green	David	Cavendish Laboratory	UK	dag9@cam.ac.uk
80	Grondin	Marie-Hélène	Laboratoire de Physique des 2 Infinis Bordeaux	France	grondin@cenbg.in2p3.fr
81	Hewitt	John	University of North Florida	USA	john.w.hewitt@unf.edu
82	Holas	Alexander	Heidelberg Institute for Theoretical Studies	Germany	alexander.holas@h-its.org
83	Holland-Ashford	Tyler	Harvard-Smithsonian CfA	USA	tyler.holland-ashford@cfa.harvard.edu
84	Horvat	Jasmina	University of Belgrade	Serbia	jasmina.horvat@matf.bg.ac.rs
85	Ichihashi	Masahiro	The University of Tokyo	Japan	masahiro.ichihashi@phys.s.u-tokyo.ac.jp
86	Ingallinera	Adriano	INAF - Osservatorio di Catania	Italy	adriano.ingallinera@inaf.it
87	Inoue	Yusuke	Kyoto University	Japan	yusuke@kusastro.kyoto-u.ac.jp
88	Irwin	Christopher	University of Tokyo	Japan	irwin.chris.m@gmail.com
89	Izumi	Natsuko	Gifu University	Japan	nizumi923@gmail.com
90	Jacobson-Galan	Wynn	UC Berkeley	USA	wynnjg@berkeley.edu
91	Jiang	Biwei	Beijing Normal University	China	bjiang@bnu.edu.cn
92	Kalitsounaki	Maria	IAASARS, National Observatory of Athens	Greece	kalitsouma@gmail.com
93	Kargaltsev	Oleg	The George Washington University	USA	kargaltsev@gwu.edu
94	Kasdagli	Eirini	University of Florida	USA	kasdaglie@ufl.edu
95	Katsuda	Satoru	Saitama University	Japan	katsuda@mail.saitama-u.ac.jp
96	Khokhriakova	Alena	Max Planck Institute for Extraterrestrial Physics	Germany	alena@mpe.mpg.de
97	Kirchschlager	Florian	Ghent University	Belgium	florian.kirchschlager@ugent.be
98	Knezevic	Sladjana	Astronomical Observatory of Belgrade	Serbia	sknezevic@aob.rs
99	Ko	Takatoshi	The University of Tokyo	Japan	ko-takatoshi@g.ecc.u-tokyo.ac.jp
100	Koo	Bon-Chul	Seoul National University	Korea	bckoo@snu.ac.kr
101	Kopsacheili	Maria	Instituto de Ciencias del Espacio	Spain	kopsacheili@ice.csic.es
102	Kostić	Petar	Astronomical Observatory of Belgrade	Serbia	pkostic@aob.rs
103	Kothes	Roland	National Research Council Canada	Canada	roland.kothes@gmail.com
104	Koutromanou	Alexandra	IAASARS, National Observatory of Athens	Greece	alexandrakoutr@gmail.com
105	Kravtsov	Timo	University of Turku	Chile	timokrav@gmail.com
106	Kresse	Daniel	Max Planck Institute for Astrophysics	Germany	danielkr@mpa-garching.mpg.de
107	Kumar	Sahana	University of Virginia	USA	sahanak@gmail.com
108	Larsson	Josefin	KTH Royal Institute of Technology	Sweden	josla@kth.se
109	Lazarevic	Sanja	Western Sydney University	Australia	S.Lazarevic@westernsydney.edu.au
110	Leahy	Denis	University of Calgary	Canada	leahy@ucalgary.ca
111	Lee	Herman Shiu-Hang	Kyoto University	Japan	herman@kusastro.kyoto-u.ac.jp
112	Lemoine-Goumard	Marianne	CNRS-IN2P3, Université de Bordeaux	France	lemoine@cenbg.in2p3.fr
113	Leonidaki	Ioanna	Institute of Astrophysics - FORTH	Greece	ioanna@physics.uoc.gr
114	Li	Jing	Heidelberg University	Germany	jing.li@uni-heidelberg.de
115	Li	Xianghua	Yunnan University	China	xhli@ynu.edu.cn
116	Li	Youyou	GRAPPA/University of Amsterdam	Netherlands	y.li4@uva.nl
117	Liu	Liang-Duan	Central China Normal University	China	liuld@ccnu.edu.cn
118	Liu	Bing	University of Science and Technology of China	China	lbings@ustc.edu.cn
119	Loru	Sara	INAF - Osservatorio Astrofisico di Catania	Italy	sara.loru@inaf.it
120	Luo	Jingxiao	Yunnan Observatories, Chinese Academy of Science	China	luojingxiao@ynao.ac.cn
121	Luo	Tianxian	Nanjing University	China	txluo@mail.nju.edu.cn
122	Mac Intyre	Brydyn	University of Manitoba	Canada	macintyb@myumanitoba.ca
123	Makarenko	Ekaterina	Institute of Physics, University of Cologne	Germany	kativmak@gmail.com
124	Mandal	Soham	Purdue University	USA	mandal0@purdue.edu
125	Mantovanini	Silvia	Curtin University	Australia	silvia.mantovanini@postgrad.curtin.edu.au
126	Margutti	Raffaella	UC Berkeley	USA	rmargutti@berkeley.edu
127	Matsunaga	Kai	Kyoto University	Japan	matsunaga.kai.i47@kyoto-u.jp
128	Matsuura	Mikako	Cardiff University	UK	matsuuram@cardiff.ac.uk
129	Mercuri	Alessandra	Department of Physics, University of Calabria	Italy	m.alessandram99@gmail.com
130	Miceli	Marco	University of Palermo	Italy	marco.miceli@unipa.it
131	Michailidis	Miltiadis	IAAT	Germany	michailidis@astro.uni-tuebingen.de
132	Milislavjevic	Danny	Purdue University	USA	dmilislav@purdue.edu

SUPERNOVA REMNANTS III: AN ODYSSEY IN SPACE AFTER STELLAR DEATH

133	Moaz	Abdelmaguid Mohamed	NYU Abu Dhabi	UAE	maa1142@nyu.edu
134	Mori	Kaya	Columbia Astrophysics Laboratory	USA	kaya@astro.columbia.edu
135	Morlino	Giovanni	INAF - Osservatorio Astrofisico di Arcetri	Italy	giovanni.morlino@inaf.it
136	Munoz Sanchez	Gonzalo	IAASARS, National Observatory of Athens	Greece	gonzalom@noa.gr
137	Murase	Takeru	Gifu University	Japan	murase.takeru.b0@f.gifu-u.ac.jp
138	Nagy	Andrea	University of Szeged	Hungary	nagyandi@titan.physx.u-szeged.hu
139	Narita	Takuto	Kyoto University	Japan	narita.takuto.43e@st.kyoto-u.ac.jp
140	Niu	Zexi	University of California, Davis	China	niuzexi@ucas.ac.cn
141	O' Connor	Evan	Stockholm University	Sweden	evan.oconnor@astro.su.se
142	Ohshiro	Yuken	The University of Tokyo	Japan	ohshiro-yuken@g.ecc.u-tokyo.ac.jp
143	Omand	Conor	Liverpool John Moores University	UK	comand92@hotmail.com
144	Ono	Masaomi	ASIAA	Taiwan	masaomi@asiaa.sinica.edu.tw
145	Orlando	Salvatore	INAF - Osservatorio Astronomico di Palermo	Italy	salvatore.orlando@inaf.it
146	Ou	Po-Sheng	ASIAA/NTU	Taiwan	psou@asiaa.sinica.edu.tw
147	Pal	Boroka	University of Szeged	Hungary	pboroka@titan.physx.u-szeged.hu
148	Pan	Kuo-Chuan	IA, National Tsing Hua University	Taiwan	kuochuan.pan@gapp.nthu.edu.tw
149	Panjkov	Sonja	The University of Melbourne	Australia	srpanjkov@student.unimelb.edu.au
150	Park	Sangwook	University of Texas at Arlington	USA	s.park@uta.edu
151	Payl	Günay	AIUniversität Sternwarte Jena	Germany	guenay.bulut@uni-jena.de
152	Pazhayath Ravi	Aravind	University of California, Davis	USA	apazhayathravi@ucdavis.edu
153	Peres	Giovanni	INAF - Osservatorio Astronomico di Palermo	Italy	giovanni.peres@inaf.it
154	Perri	Silvia	Università della Calabria	Italy	silvia.perri@fis.unical.it
155	Petruk	Oleh	INAF - Osservatorio Astronomico di Palermo	Italy	oleh.petruk@gmail.com
156	Pignata	Giuliano	Universidad de Tarapacá	Chile	pignago@gmail.com
157	Pinciroli Vago	Nicolò Oreste	INAF, PoliMi	Italy	nicolooreste.pinciroli@polimi.it
158	Plucinsky	Paul	Harvard-Smithsonian CfA	USA	pplucinsky@cfa.harvard.edu
159	Prete	Giuseppe	UNICAL	Italy	giuseppe.prete@unical.it
160	Raymond	John	Harvard-Smithsonian CfA	USA	jraymond@cfa.harvard.edu
161	Rest	Armin	STScI	USA	arest@stsci.edu
162	Romano	Leonard	Ludwig-Maximilians-Universität München	Germany	lromano@usm.lmu.de
163	Ruiz-Lapuente	Pilar	Instituto de Física Fundamental	Spain	pilar@icc.ub.edu
164	Safi-Harb	Samar	University of Manitoba	Canada	samar.safi-harb@umanitoba.ca
165	Sanches Sartorio	Nina	University of Ghent	Belgium	NSartorio@Ugent.be
166	Sander	Isabel	University of Manitoba	Canada	sanderi@myumanitoba.ca
167	Sano	Hidetoshi	Gifu University	Japan	sano.hidetoshi.w4@f.gifu-u.ac.jp
168	Sapienza	Vincenzo	INAF - Osservatorio Astronomico di Palermo	Italy	vincenzo.sapienza@inaf.it
169	Sarangi	Arkaprabha	Niels Bohr Institute	Denmark	sarangi@nbi.ku.dk
170	Sasaki	Manami	Friedrich-Alexander-University Erlangen-Nürnberg	Germany	manami.sasaki@fau.de
171	Sawada	Ryo	ICRR	Japan	ryo@g.ecc.u-tokyo.ac.jp
172	Scheffler	Tassilo	Ghent University	Belgium	tassilo.scheffler@ugent.be
173	Shahbandeh	Melissa	STScI	USA	melissa.shahbandeh@gmail.com
174	Shi	Xinyue	Deutsches Elektronen-Synchrotron DESY	Germany	shi.xin-yue@desy.de
175	Shimoda	Jiro	The University of Tokyo	Japan	jshimoda@icrr.u-tokyo.ac.jp
176	Shrestha	Manisha	University of Arizona	USA	mshrestha1@arizona.edu
177	Simon	Emily	University of Chicago	USA	ersimon@uchicago.edu
178	Singleton	Adam	University Of Sheffield	UK	ASingleton1@sheffield.ac.uk
179	Slane	Patrick	Harvard-Smithsonian CfA	USA	slane@cfa.harvard.edu
180	Slavin	Jonathan	Harvard-Smithsonian CfA	USA	jslavin@cfa.harvard.edu
181	Smeaton	Zachary	Western Sydney University	Australia	19594271@student.westernsydney.edu.au
182	Smith	Nathan	University of Arizona	USA	nathans@as.arizona.edu
183	Solar	Martin	Adam Mickiewicz university	Poland	martin.solar@amu.edu.pl
184	Souropanis	Dimitris	Institute of Astrophysics, FORTH	Greece	dsouropanis@ia.forth.gr
185	Stasiewicz	Krzysztof	Space Research Centre, Polish Academy of Sciences	Poland	kstasiewicz@cbk.waw.pl
186	Suherli	Janette	University of Manitoba	Canada	suherlij@myumanitoba.ca
187	Sun	Lei	Nanjing University	China	l.sun@nju.edu.cn
188	Sushch	Iurii	Gran Sasso Science Institute	Italy	iurii.sushch@gmail.com
189	Suzuki	Akihiro	The University of Tokyo	Japan	akihiro.suzuki@resceu.s.u-tokyo.ac.jp
190	Suzuki	Hiromasa	ISAS/JAXA	Japan	hiromasa050701@gmail.com
191	Szalai	Tamás	University of Szeged	Hungary	szaszi@titan.physx.u-szeged.hu
192	Tanaka	Takaaki	Konan University	Japan	ttanaka@konan-u.ac.jp
193	Tanaka	Shuta	Aoyama Gakuin University	Japan	sjtanaka@phys.aoyama.ac.jp
194	Tateishi	Dai	The University of Tokyo	Japan	d.tateishi.astro@gmail.com
195	Temim	Tea	Princeton University	USA	temim@astro.princeton.edu
196	Tenhu	Linda	Oskar Klein Centre	Sweden	lcetenhu@kth.se
197	Toledo-Roy	Juan	UNAM	Mexico	juan.toledo@nucleares.unam.mx
198	Torres	Diego	ICREA & Institute of Space Sciences	Spain	dtorres@ice.csic.es
199	Treyturik	Cole	University of Manitoba	Canada	treyturc@myumanitoba.ca
200	Tsuge	Kisetsu	Institute for Advanced Study, Gifu University	Japan	tsuge.kisetsu.i2@f.gifu-u.ac.jp
201	Tsuji	Naomi	Kanagawa University	Japan	ntsuji@kanagawa-u.ac.jp

SUPERNOVA REMNANTS III: AN ODYSSEY IN SPACE AFTER STELLAR DEATH

202	Tu	Tianyu	Nanjing University	China	tianyutu@smail.nju.edu.cn
203	Uchida	Hiroyuki	Kyoto University	Japan	uchida@cr.scphys.kyoto-u.ac.jp
204	Urošević	Dejan	University of Belgrade	Serbia	dejanu@math.rs
205	Ustamujic	Sabina	INAF-Osservatorio Astronomico di Palermo	Italy	sabina.ustamujic@inaf.it
206	van Baal	Bart	Oskar Klein Centre	Sweden	barteld.vbaal@astro.su.se
207	Vargas Rojas	Karla	Instituto de Ciencias Nucleares	Mexico	varka@ciencias.unam.mx
208	Vink	Jacco	Anton Pannekoek Institute/GRAPPA	Netherlands	j.vink@uva.nl
209	Weng	Jianbin	Nanjing University	China	waynewengjianbin@outlook.com
210	Wesson	Roger	Cardiff University	UK	wessonr1@cardiff.ac.uk
211	Williams	Brian	NASA GSFC	USA	brian.j.williams@nasa.gov
212	Woo	Jooyun	Columbia Astrophysics Laboratory	USA	jw3855@columbia.edu
213	Yamazaki	Ryo	Aoyama Gakuin University	Japan	yamazaki.ryo.77@gmail.com
214	Yan	Kai	School of Astronomy and Space Science	China	kaiyan@smail.nju.edu.cn
215	Yang	Ruizhi	University of Science and Technology of China	China	yangrz@ustc.edu.cn
216	Zangrandi	Federico	Dr. Remeis-Observatory (FAU)	Germany	federico.zangrandi@fau.de
217	Zapartas	Emmanouil	Institute of Astrophysics, FORTH	Greece	ezapartas@ia.forth.gr
218	Zhang	Zhe	Beijing Normal University	China	zhezhang101@gmail.com
219	Zhang	Mengfei	School of Physics	China	zmf@nju.edu.cn
220	Zhang	Qianqian	Nanjing University	China	qqzhang@smail.nju.edu.cn
221	Zsíros	Szanna	University of Szeged	Hungary	szannazsiros@titan.physx.u-szeged.hu



NOTES

NOTES

NOTES

NOTES

NOTES

NOTES

SUPERNOVA REMNANTS III
AN ODYSSEY IN SPACE AFTER STELLAR DEATH
9-15 June 2024, Chania, Crete, Greece

Teoavi
ANAWYKTIKA

PIRAEUS BANK

Kinsen

Europcar
moving your way

AEGEAN

an°skeli
olive mill, winery & more