Conference Program
Venue: Svedberg (FD5) AlbaNova Building

Day 1, 2018 May 28

Morning session 1 - Pre-SN environments and evolution		
09:00 - 09:40	Norbert Langer	Effects of mass loss on the evolution of massive stars
09:40 - 10:20	Selma de'Mink	Binary effects on supernovae
10:20 - 10:40	Manos Zapartas	Could stellar binarity be responsible for the diversity of observed properties of supernovae?
10:40 - 11:10 - Coffee break - level 4 by the poster area		
Morning session 2 - Pre-SN environments and evolution (continued)		
11:10 - 11:50	Nathan Smith	Circumstellar environments before the SN explosions
11:50 - 12:30	Francesco Taddia	SN environments and their host galaxies
12:30 - 14:00 - Lunch break		
Afternoon session 1 - SN progenitors and Early SN evolution		
14:00 - 14:20	Charlie Kilpatrick	The dusty progenitor system of the Type II-P supernova 2017eaw
14:20 - 15:00	Evan O'Connor	Core collapse SN simulations
15:00 - 15:20	Maayane Soumagnac	PTF12glz and supernovae shocks driven through aspherical winds
15:20-15:50 - Coffee break - - level 4 by the poster area		
Afternoon session 2 - Early SN evolution		
15:50 - 16:30	Ofer Yaron	Early observations of Type II Supernovae and flash spectroscopy
16:30 - 17:10	Erkki Kankare	Observations of dust in supernovae
17:10 - 17:30	Jacob Jencson	Uncovering Hidden Supernovae with SPIRITS

Day 2, 2018 May 29

Morning session 1 - Early SN evolution (continued)		
09:00 - 09:40	Hans-Thomas Janka	3D core-collapse supernova modeling and applications to Cas A and other supernova remnants
09:40 - 10:00	Michael Gabler	The infancy of supernova remnants - 3D long-time simulations of SN explosions
10:00 - 10:40	Ehud Nakar	Choked jets and shock breakout in SNe
10:40 - 11:10 - Coffee break - level 4 by the poster area		
Morning session 2 - Early SN evolution (continued)		
11:10 - 11:50	Anders Jerkstrand	Spectral modelling of core collapse supernovae
11:50 - 12:10	Alak Ray	Modelling type IIP/IIL supernovae interacting with recent episodic mass ejections from their presupernova stars
12:10 - 12:30	Stuart Ryder	Binary companions to stripped-envelope supernovae
12:30 - 14:00 - Lunch break		
Afternoon session 1 - SN-CSM interaction		
14:00 - 14:40	Anatoly Spitkovsky	Particle acceleration in collisionless shocks
14:40 - 15:00	Elad Steinberg	Emission from radiative shocks
15:00 - 15:20	Vikram Dwarkadas	Investigating the X-ray Emission from high X-ray Luminosity SNe
15:20 - 15:50 - Conference photo and Coffee break - level 4 by the poster area		
Afternoon session 2 - SN-CSM interaction (continued)		
15:50 - 16:30	Deanne Coppejans	Multi-wavelength studies of Fast-evolving Blue Optical Transients
16:30 - 17:10	Ori Fox	Dust in supernovae CSM
17:10 - 17:30	Antonia Bevan	The evolution of dust formation in SN 2005ip from optical line profile models

Day 3, 2018 May 30

Morning session 1 - Strongly interacting supernovae		
09:00 - 09:40	Roger Chevalier	What are Type IIn supernovae?
09:40 - 10:20	Eran Ofek	Observations of Type IIn supernovae
10:20 - 10:40	Anders Nyholm	A bumpy beast in the Type IIn zoo: iPTF13z and other findings from the iPTF
10:40 - 11:10 - Coffee break - level 4 by the poster area		
Morning session 2 - Strongly interacting supernovae (continued)		
11:10 - 11:50	Kohta Murase	Multi-Messenger Emission from Interacting Supernovae
11:50 - 12:30	Andrea Pastorello	The Observational variety of Type Ibn Supernovae
12:30 - 14:00 - Lunch break		
Afternoon session 1 - Older SNe and late time interaction		
14:00 - 14:40	Josefin Larsson	SN 1987A- ejecta and CSM interaction
14:40 - 15:00	Yvette Cendes	The Re-Acceleration of the Shockwave From SN 1987A
15:00 - 15:20	Marco Miceli	Measuring the post-shock temperatures of heavy ions in SN 1987A
15:20 - 15:40	A. J. Nayana	Long term radio monitoring of a Type IIP supernova SN 2004dj
15:40 - 16:00	Esha Kundu	Detailed modeling of late time radio emission from SNe 2011dh and 1993J
16:00 - 21:00	**Boat tour and conference banquet - see map for instructions to the boat venue**	

Day 4, 2018 May 31

Morning session 1 - SNe to SNRs		
09:00 - 09:40	Danny Milisavljevic	SN- SNR transition
09:40 - 10:00	Dan Patnaude	Progenitor Mass Loss and Supernova Remnant Evolution
10:00 - 10:20	Firoza K. Sutaria	An Astrosat study of the Cygnus Supernova Remant
10:20 - 10:40	Toshiki Sato	Kinematical Asymmetries and Their Interpretations in Kepler's Supernova Remnant and Cassiopeia A
10:40 - 11:10 - Coffee break - level 4 by the poster area		
Morning session 2 - Stripped envelope supernovae		
11:10 - 11:50	Keiichi Maeda	Progenitors and Explosion Mechanisms of Stripped-Envelope Supernovae
11:50 - 12:30	Maria Drout	Observations of CSM Interaction in Stripped Envelope Core-Collapse Supernovae
12:30 - 14:00 - Lunch break		
Afternoon session 1 - Stripped envelope supernovae (continued)		
14:00 - 14:40	Takashi Moriya	Observational properties of ultra-stripped envelope supernovae
14:40 - 15:00	Hanindyo Kuncarayakti	SN 2017dio: A type-Ic supernova showing early interactions with a hydrogen-rich circumstellar medium
15:00 - 15:40	Alicia M. Soderberg	Supernova Forensics
15:40 - 16:00	Mattias Ergon	Spectral modeling of stripped supernovae
16:00 - 17:00 - Poster viewing and coffee break at level 4 by the poster area		
17:00 - 18:00	**Public lecture by Robert Kirshner at the OKC Auditorium - Creation and Destruction through Exploding Stars**	

Day 5, 2018 June 1

Morning session 1 - Superluminous supernovae		
09:00 - 09:40	Brian Metzger	Magnetars as Engines of Superluminous Supernovae
09:40 - 10:20	Ragnhild Lunnan	Hydrogen poor SLSNe - observations and their environments
10:20 - 10:40	Akihiro Suzuki	Multi-dimensional density structure of supernova ejecta powered by a central engine
10:40 - 11:10 - Coffee break - level 4 by the poster area		
Morning session 2 - Superluminous Supernovae (continued)		
11:10 - 11:30	Ken'ichi Nomoto	Presupernova Mass Ejection in Pulsational Pair-Instability Supernovae, and Possible Models for Superluminous Supernovae
11:30 - 11:50	Robert Farmer	Mind the gap: The pair instability boundary
11:50 - 12:10	Mathieu Renzo	Pulsational mass loss in very massive stars: effects on the CSM and binary companions
12:10 - 12:30	Ting-Wan Chen	The candidate pulsational-pair instability SN 2017ens: a superluminous Type Ic supernova interacting with a recently ejected H/He shell
12:30 - 14:00 - Lunch break		
Afternoon session 1 - Peculiar supernovae and Type Ia supernovae		
14:00 - 14:40	Iair Arcavi	Peculiar supernovae with Hydrogen lines
14:40 - 15:20	Kate Maguire	Peculiar Type Ia supernovae
15:20 - 15:40	Ji-an Jiang	A Discovery and Implications of A Peculiar Early-Phase Type Ia Supernova with the Subaru Deep Imaging Survey
15:40 - 16:00	Noam Soker	The core degenerate scenario of type Ia supernovae and interacting type Ia supernovae
16:00 - 16:30 - Conference ends and Fika - level 4 by the poster area		

POSTERS

Niloufar Afsari	KSP-SN-2016kf : a luminous and slow-rising Type IIP Supernova with unusually high 56-Ni mass
Cristina Barbarino	Stripped Envelope Supernovae from PTF and iPTF
Peter Johnson Brown	Ultraviolet-bright Supernovae
YONGZHI CAI	AT 2017be: a candidate electron-capture supernova from a super-AGB star
Aleksander Cikota	A possible link between proto-planetary nebulae and Type Ia Supernovae progenitors revealed by polarimetry
Raya Dastidar	SN 2015ba: an atypical Type IIP Supernova with a long plateau.
Tamar Faran	How recombination affects the light curves of type-II SNe/Self similar solutions for SN light curves
Elise EGRON	High-resolution images of SNRs with the Sardinia Radio Telescope
Anjasha Gangopadhyay	SN 2015as: A low luminosity type IIb supernova without an early light curve peak
Avishai Gilkis	Pre-explosion outbursts and supernova impostors by jets from a neutron star companion
Sebastian Gomez	A rare supernova with evidence for hydrogen-free interaction
Vasilii Gvaramadze	RCW 86 as the result of a supernova explosion near the edge of a wind-blown bubble
Teppo Heikkila	High-mass X-ray Binaries as Progenitors to Core-collapse Supernovae
Luca Izzo	The hypernova 2017iuk associated with GRB 171205A
Young-Dae Jung	Compton scattering process in turbulent plasmas
David Alexander Kann	Overly luminous Supernovae linking GRBs and SLSNe
Emir Karamehmetoglu	OGLE-2014-SN-131, a shockingly slow-motion Type Ibn SN
Florian Kirchschlager	Dust destruction by grain-grain collisions in supernova reverse shocks
Kelsie Krafton	Modeling Dust in the CSM and Ejecta of SN 2010jl
Petr Kurfurst	Modeling of adiabatic interaction between supernova ejecta and aspherical circumstellar material
Myoung-Jae Lee	Bremsstrahlung process in turbulent plasmas

Sara Loru	Investigating the high-frequency spectral features of SNRs Tycho, W44 and IC443 with the Sardinia Radio Telescope.
Shane Moran	The Supernova Gaia17byh
Takashi Nagao	Polarization of Type IIP SNe due to circumstellar light echo
A. J. Nayana	Radio observations of Type Ib supernova Master OT J120451.50+265946.6 reveal inhomogeneous emitting region crossing through a dense shell
Salvatore Orlando	Linking the ejecta structure in the remnant of SN 1987A to the progenitor SN explosion through 3D MHD modeling
Ryoma Ouchi	The effect of continuous energy deposition in the envelope on its dynamical behavior and mass loss.
Antonio de Ugarte Postigo	A resolved, panchromatic view of the host galaxy of GRB171205A/SN2017iuk
Miika Pursiainen	Rapidly evolving transients in the Dark Energy Survey
Thomas Reynolds	SN2016gsd: an unusual energetic IIL supernova
Franziska Schmidt	Hydrodynamic Simulations of Dust Destruction in Supernova Remnants
Noam Soker	Jet before, during, and after core collapse supernova explosions
Tamas Szalai	A Comprehensive Analysis of Spitzer Supernovae
Leonardo Tartaglia	Stellar outbursts heralding supernova explosions
Christina Thone	SLSN and GRB-SN hosts in 3D
Samaporn Tinyanont	Probing the Ejecta and CSM Geometry of SN2017eaw with Near-Infrared Spectrapolarimetry from WIRC+Pol
Antonio Tutone	3D MHD simulation from the onset of the SN to the full-fledged SNR
Patrick John Vallely	ASASSN-14ms: An Unusually Luminous Type Ibn Supernova
Jonathan A. Q. Vasquez	The Exceptional X-ray Evolution of SN 1996cr in High Resolution