



WARSAW, POLAND | 1-3 JUNE, 2023
**SCIENCE HIGHLIGHTS FROM SALT
PROGRAMME**

IMPORTANT NOTE :THE TALKS ARE 30 AND 20 MIN INCLUDING Q&A.

THURSDAY 1ST JUNE

9:30-10:00 WAKE UP COFFEE, REGISTRATION

10:00-10:20

Welcome

Delivery of the NCAC Medal to prof. Marek Sarna

Session I: General

10:20 Encarni Romero Colmenero: SALT Status Update

10:40 Petri Vaisanem (tentative): Most recent updates from SAAO/SALT

11:00 Matt Bershad: Performance, Capabilities, and Early Observations with NIRWALS

11:30-11:40 SHORT BREAK (TO STRETCH BONES, ETC.)

Session II:

11:40 Patrick Woudt: SALT, MeerKAT and MeerLICHT

12:10 David Buckley: Status of the SALT Transient Followup Programme

12:40 Phil Charles: SALT ToO studies of outbursting X-ray Transients

13:00-14:30 LUNCH BREAK

14:30 Mariusz Gromadzki: Transients classification and follow up with SALT

14:50 Joanna Mikołajewska: Highlights from SALT HRS monitoring of symbiotic and related binaries

15:20 Krystian Iłkiewicz: Investigating nova remnants with SALT

15:40 Poster presentations

16:00 -16:30 COFFEE BREAK

16:30 Thomas Killestein: Probing circumstellar environments of supernovae with high-cadence SALTICAM photometry

16:50 Lee Townsend: A SALT spectroscopic catalogue of Be/X-ray binaries

17:20 Marina Orio: X-ray binaries containing a Be star and a white dwarf

17:40 Itumeleng Monageng: The long-term Be disc and neutron star interaction of MAXI J0903-531

18:00 END!!!

FRIDAY 2ND JUNE

9:30-10:00 WAKE UP COFFEE

Session III:

10:00 Tomasz Kamiński: A rare transition in the post-AGB star U Equ

10:20 Ayush Moharana: Study of evolution and dynamics of Compact Hierarchical Triples

10:40 Milena Ratajczak: Tracking eccentric binaries with SALT

11:00 Christian Eze: Orbital parameter determination for a sample of massive pulsators in eclipsing binary systems observed with SALT

11:20-11:30 SHORT BREAK (TO STRETCH BONES, ETC.)

11:30 Gerald Handler: Using SALT to understand tidally tilted pulsation

12:00 Andrzej Pigulski: Discovering the nature of the multiple system containing blue large-amplitude pulsator

12:20 Piotr Kołaczek-Szymański: Why is the loudest stellar heartbeat so loud?

12:40 Brian Chaboyer: RR Lyrae Stars as Distance Indicators

13:00-14:30 LUNCH BREAK

Session IV:

14:30 David Mkrtichian: SALT spectroscopic survey for non-radial pulsations in oEA stars

14:50 Ewa Niemczura: Chemically peculiar HgMn stars in the southern hemisphere

15:20 Natalia Posiłek: The problem of variability of chemically peculiar Am stars

15:40 Rodolfo Smiljanic: Follow-up high spectral resolution observations of metal-poor stars

16:00 -16:30 COFFEE BREAK

16:30 Simon Jeffery: The SALT survey of hydrogen-deficient stars and hot subdwarfs

17:00 Krzysztof Helminiak: Stellar characterisation of ARIEL targets

17:20 END!

19:30 CONFERENCE DINNER AT LA REPUBBLICA RISTORANTE

SATURDAY 3RD JUNE

9:30-10:00 WAKE UP COFFEE

Session V:

10:00 Bożena Czerny: Reverberation mapping of quasars with SALT and quasar application for cosmology

10:30 Labanya Kumar Guha: Probing large scale gas flows with strong MgII absorbers

10:50 Antoine Mahoro: The [OIII] profiles of far-infrared active and non-active green valley galaxies

11:10 Paweł Zieliński: How do the SALT spectra help in classification of Gaia microlensing events and distance determination?

11:30-11:40 SHORT BREAK (TO STRETCH BONES, ETC.)

11:40 David Homan: Insights into X-ray-selected AGN transient accretion events from eROSITA's All-Sky Surveys I: Sample overview

12:00 Alex Markowitz: Insights into X-ray-selected AGN transient accretion events from eROSITA's All-Sky Surveys II: Followups on individual AGN ignition events

12:20 Tathagata Saha: Multi-wavelength study of a flaring CLAGN source with double peaked Balmer lines

12:40 Ilani Loubser: Spectroscopic follow-up of galaxies from the MeerKAT Fornax Survey

13:00-14:30 LUNCH BREAK

Session IV:

14:30 Rosalind Skelton: BEAMS: Exploring the evolution of brightest cluster galaxies with a SALT large science program

14:50 "Everything You Always Wanted to Know About SALT (But Were Afraid to Ask)" – will answer: Matt Bershad, Lisa Crause, Encarni Romero Colmenero, Lee Townsend, Petri Vaisanen

15:50 Summary by Brian Chaboyer

16:00 END OF THE CONFERENCE

POSTERS:

Cezary Galan: HRS monitoring of symbiotic stars with yellow giants and active systems during outbursts

Gerald Handler: Basic parameters determined for Beta Cephei pulsators from SALT spectroscopy

Daniel Holdsworth: Update on the Progress of HRS HS Pipeline development

Sebastian Kurowski: Characteristics of the accretion disc in V1040 Cen

Michał Radziwonowicz: Analysis of the symbiotic binaries using the SMC 147 system as an example



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