

# **Stellar Evolution: Binary systems and Stellar abundances**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# Welcome Address

*Wednesday, February 4, 2026 9:55 AM (5 minutes)*

Contribution ID: 2

Type: **not specified**

# Binary Interaction and Accretion Physics in X-ray Binaries: A Multi-wavelength Perspective

*Wednesday, February 4, 2026 10:00 AM (20 minutes)*

**Presenter:** BERI, Aru (IIA Bangalore)

**Session Classification:** Session 1

Contribution ID: 3

Type: **not specified**

## **Unveiling the binary nature of Li-rich stars in M67 with UV observations**

*Wednesday, February 4, 2026 10:20 AM (20 minutes)*

**Presenter:** RANI, Sharmila

**Session Classification:** Session 1

Contribution ID: 4

Type: **not specified**

# **Probing stellar mergers through carbon-deficient red giants**

*Wednesday, February 4, 2026 11:00 AM (15 minutes)*

**Presenter:** MABEN, Sunayana

**Session Classification:** Session 1

Contribution ID: 5

Type: **not specified**

## Exploring the Atmospheres of Cool Hydrogen Deficient Stars and Related Objects

*Wednesday, February 4, 2026 11:15 AM (15 minutes)*

**Presenter:** SAINI, Ajay (Indian Institute of Astrophysics, Bangalore)

**Session Classification:** Session 1

Contribution ID: 6

Type: **not specified**

## **Chemical abundances of hottest Extreme Helium stars: HD 160641 and LS IV +6° 2**

*Wednesday, February 4, 2026 11:30 AM (15 minutes)*

**Presenter:** KRISHNA, Sriram

**Session Classification:** Session 1

Contribution ID: 7

Type: **not specified**

## **Recurrent nova M31N2017-01e: A BeWD system in M31?**

*Wednesday, February 4, 2026 11:45 AM (15 minutes)*

**Presenter:** CHAMOLI, Shatakshi (Indian Institute of Astrophysics)

**Session Classification:** Session 1



Contribution ID: 8

Type: **not specified**

## **From Main Sequence to Stripped Stars: A UVIT Study of Young Stellar Populations in the Northeastern Out- skirts of the SMC**

*Wednesday, February 4, 2026 12:00 PM (15 minutes)*

**Presenter:** HOTA, Sipra (Bhaskara,IIA,Bangalore)

**Session Classification:** Session 1

Contribution ID: 9

Type: **not specified**

## Exploring the Nature of White Dwarf Companions

*Wednesday, February 4, 2026 12:15 PM (15 minutes)*

**Presenter:** A, Bala Sudhakara Reddy (Indian Institute of Astrophysics)

**Session Classification:** Session 1

Contribution ID: **14**

Type: **not specified**

## Discussion Session

*Wednesday, February 4, 2026 2:00 PM (1h 10m)*

**Primary authors:** S, Annapurni; T, Sivarani

**Presenters:** S, Annapurni; T, Sivarani

Contribution ID: 15

Type: **not specified**

## **StarDance: the non-canonical evolution of stars in clusters**

*Wednesday, February 4, 2026 3:30 PM (1 hour)*

**Presenter:** PANCINO, Elena

**Session Classification:** Session 2