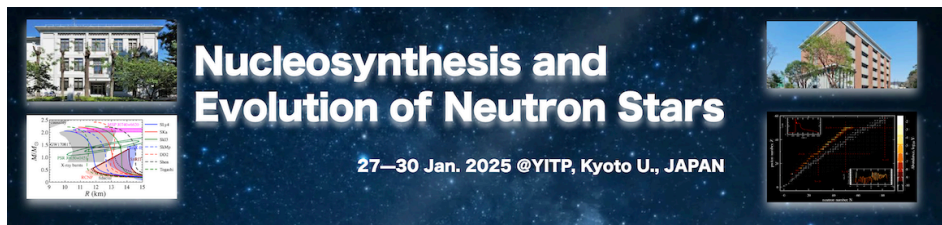


Nucleosynthesis and Evolution of Neutron Stars



Contribution ID: 31

Type: **Invited talk**

Observations of long X-ray bursts

Thursday, January 30, 2025 11:45 AM (40 minutes)

Long X-ray bursts (XRBs) are rare events, which are only <1% of ordinary XRBs. Although long XRBs as well as ordinary XRBs are interpreted as thermonuclear runaway on neutron stars, their fuel or ignition conditions are still open to debate. In addition, there are some observations which indicate interactions between bursts and accretion disks. This talk will summarize recent observations of long XRBs and discussions about them.

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Session Classification: Oral Presentation