



# - RAY ASTRONOMY 2019

*Current Challenges and New Frontiers in the Next Decade*

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Type: **Invited**

## Recent progress on X-ray study of supernova remnants as remnants of supernovae

*Tuesday, 10 September 2019 11:30 (25 minutes)*

Supernovae are one of the most energetic explosion events in the universe, with the human detectability not only in electromagnetic wave but also neutrino and possibly gravitational wave. They also play the main role of chemical evolution of the universe. On the other hand, the explosion mechanism in detail is still unclear. We will summarize recent X-ray observations of remnants of supernovae which shows us new information on explosion mechanism.

### Topic

Compact and diffuse sources in galaxies and in the Galactic Center

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