

ASTRONUM 2018
ORAL ABSTRACTS

Zingale, Michael	<p><i>Modeling Type Ia Supernovae and X-ray Bursts</i> Michael Zingale, Stony Brook University, USA</p> <p>We discuss the progress made in modeling Type Ia supernovae and X-ray bursts and what challenges remain. We show our current progress on both of these events, looking at a variety of different progenitor models for Type Ia supernovae and the burning dynamics in X-ray bursts, and outline our future goals. Numerical challenges will be discussed along with some new algorithmic ideas to overcome these issues.</p>
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