

SN2025gw: First IGWN Symposium on Core Collapse Supernova  
Gravitational Wave Theory and Detection

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## Detection of Gravitational Waves from Core-Collapse Supernovae

*Friday 25 July 2025 12:00 (30 minutes)*

A supernova, the violent death of a massive star, is a promising source for multimessenger astronomy, involving electromagnetic waves, neutrinos, and gravitational waves (GWs). In this talk, I will discuss the methods and challenges of GW detection from core-collapse supernovae

**Presenter:** KLIMENKO, Sergey (University of Florida)