

## **Annual report 2023 – IAU Working Group on Supernovae**

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The SN WG continues to work according to its work plan.

The Transient Name Server (TNS; <https://wis-tns.org/>), the official IAU instrument for report, distribution, and name assignment to astronomical transients, continues to undergo development, including a technical upgrade (TNS 2.0) to ensure stability and long-term functionality, as well as continued required cyber-security upgrades, as well as ongoing work to integrate the GRB community into this portal, in coordination with the relevant team from NASA/Goddard.

We continue to work to improve online supernova data archives, including support and development of the WISeREP archive (<https://wiserep.org>), which now includes online analysis tools, including a spectral fitter (the next generation superfit, NGSF).

We expect to request a continuation of this WG beyond 2023.