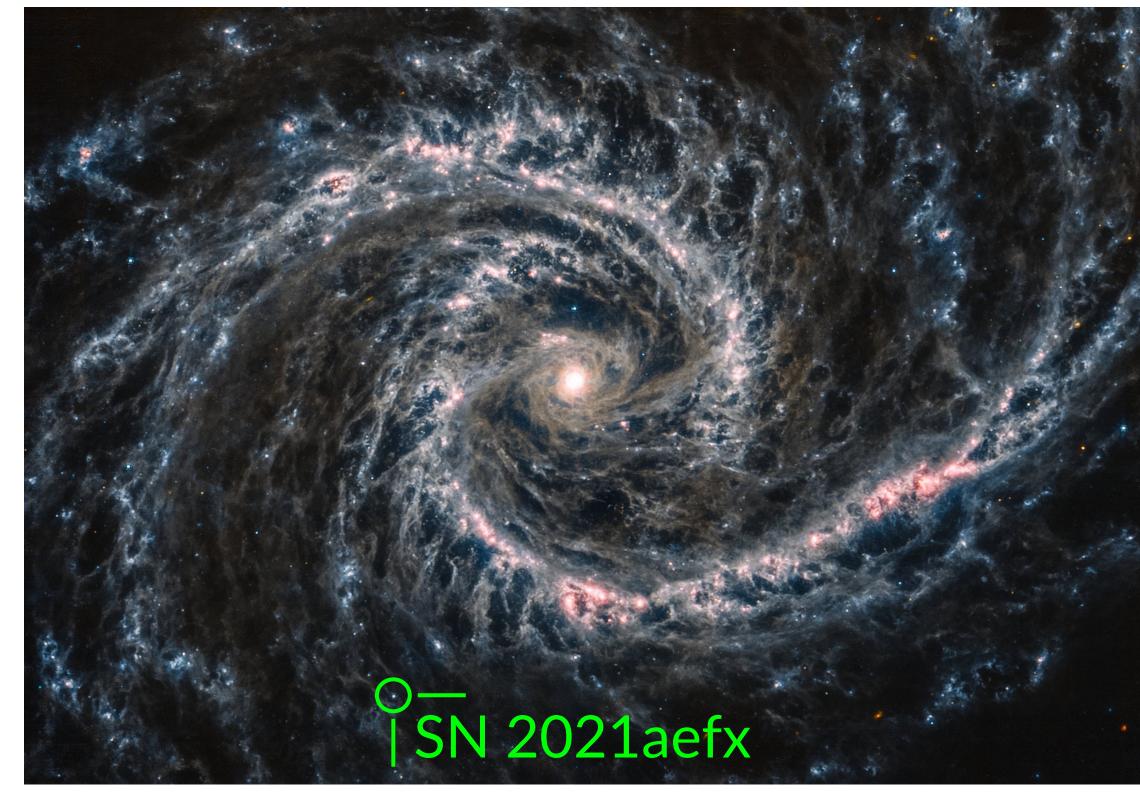


JWST/MIRI image of host galaxy NGC 1566 data via JWST GO 2107 (PI: Janice Lee), processing by Judy Schmidt

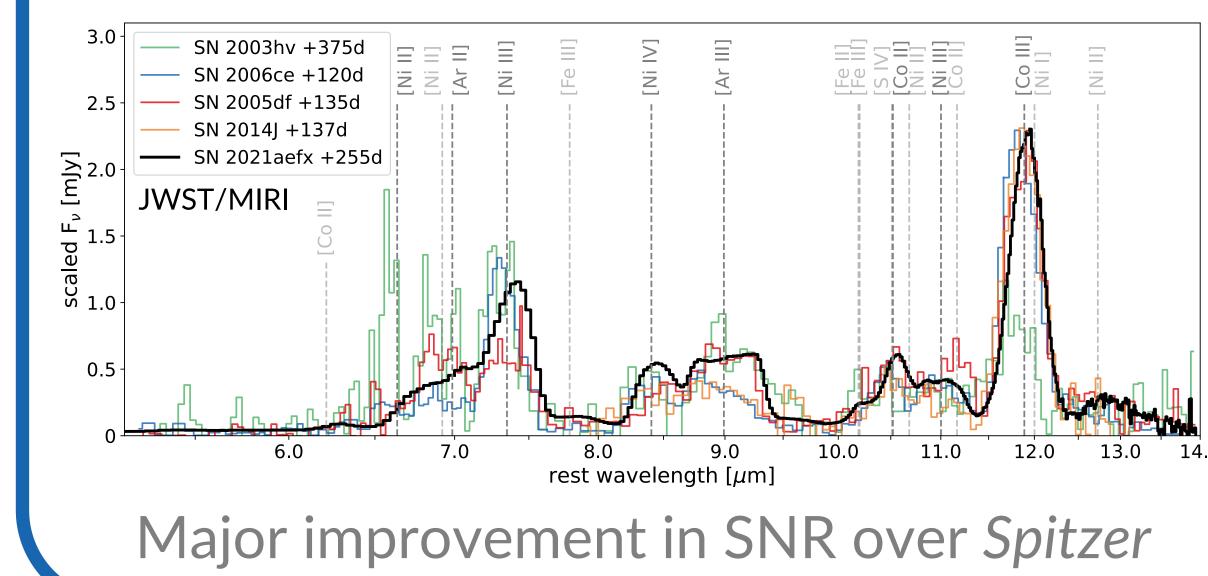


Seeing through the supernova

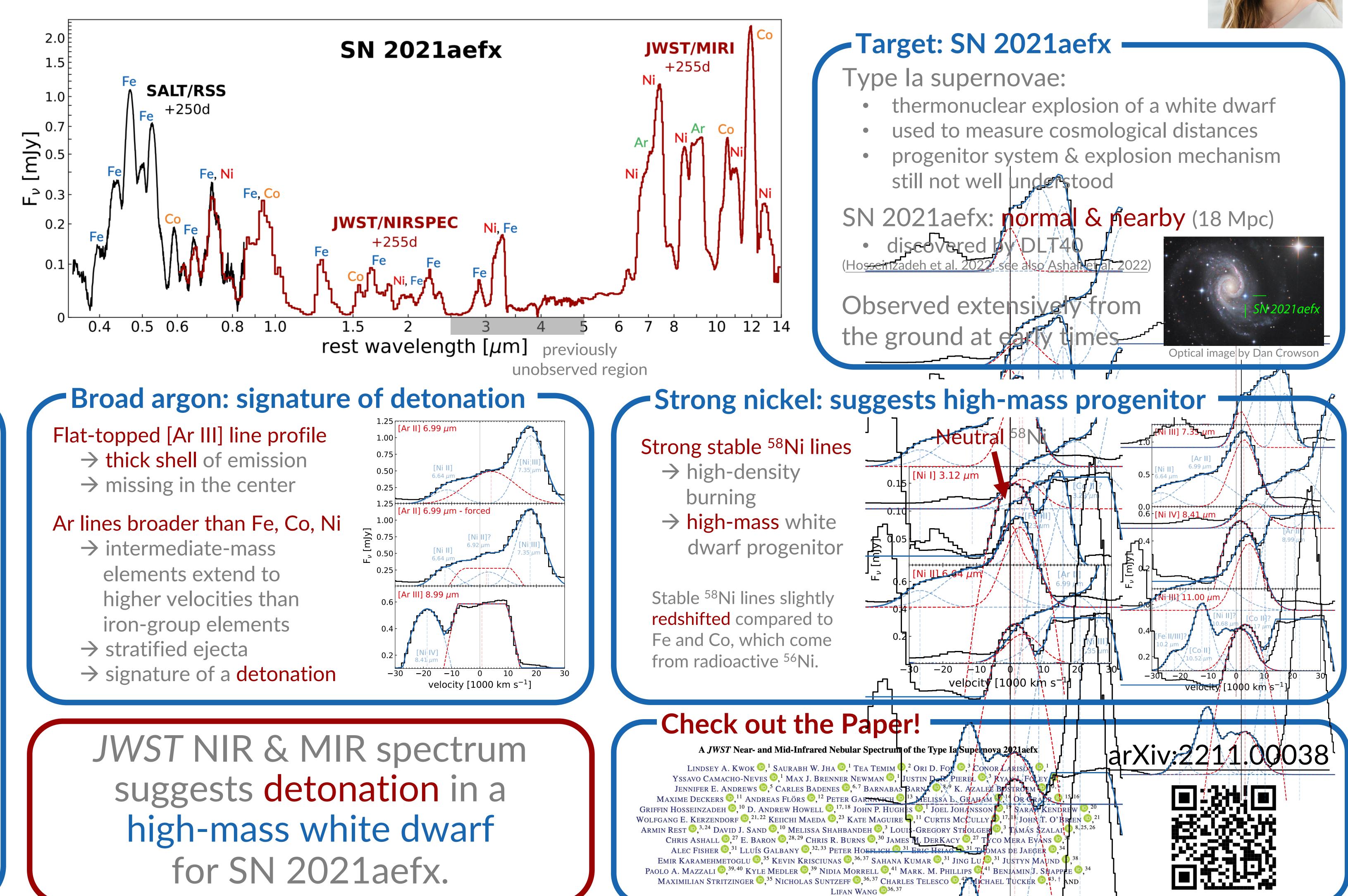
Nebular/late time spectroscopy:

- >100 days post-explosion
- supernova ejecta expands and dilutes
- emission from forbidden line transitions
- light escapes from all regions of ejecta

Directly reveals supernova composition, structure, & kinematics



RUTGERS A JWST Nebular Spectrum of the Type Ia Supernova 2021aefx Lindsey A. Kwok¹, Saurabh W. Jha¹ ¹Department of Physics and Astronomy, Rutgers University, Piscataway NJ 08854



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