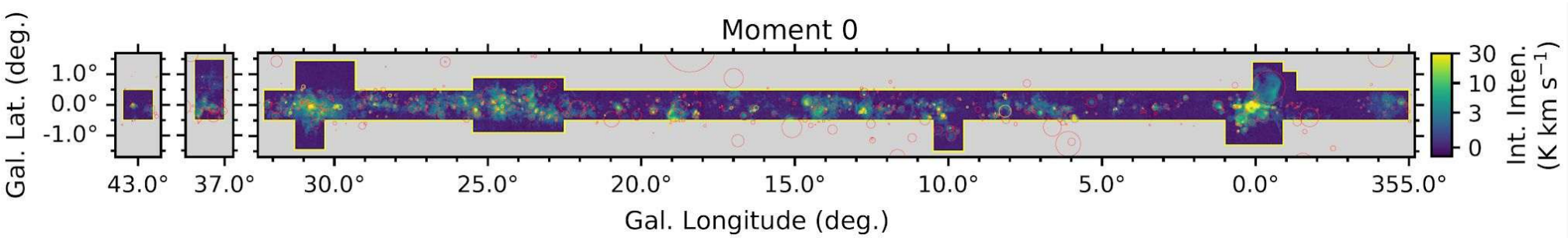
Loren Anderson

Research highlights: Published the GBT Diffuse Ionized Gas Survey (GDIGS [see below]; Luisi+, 2020; Anderson+, 2021; Linville+, 2024), *SOFIA* [CII] mapping of HII regions (Luisi+, 2021; Faerber+, 2025), MeerKAT discoveries of 237 new Galactic supernova remnant candidates ([see below] Anderson+, 2025)

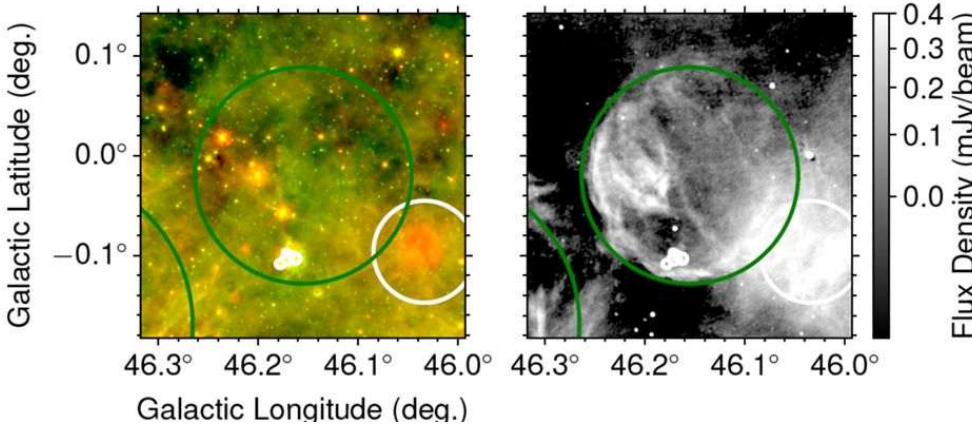


Outreach: "Mapping the Milky Way" (until 2023)
SPOT presentation (until 2027), REU

Grad students: Timothy Faerber, Katelyn Bryant, Samrat Roy (incoming)

Website: astro.phys.wvu.edu/wise

Supernova remnant searches - Anderson+ 2025

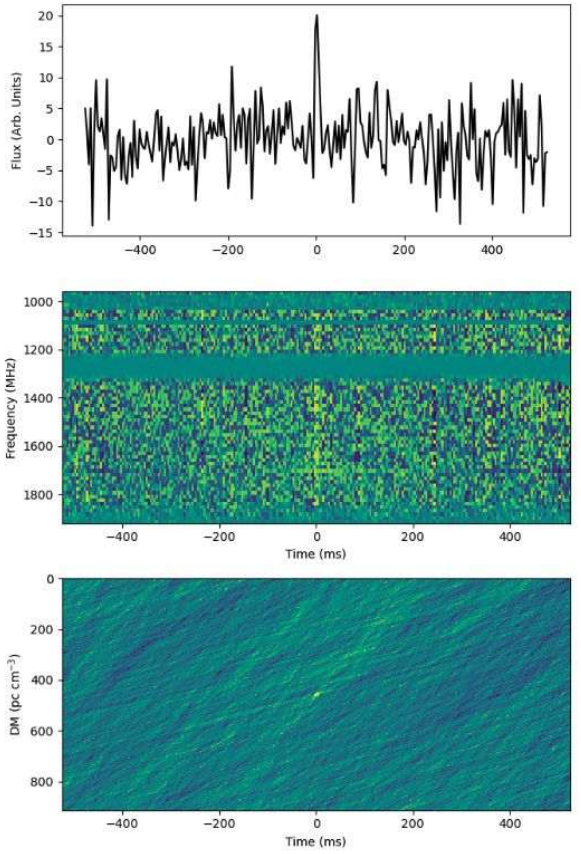


Duncan Lorimer

Group:

6 Grad students
2 Undergrads
1 High-school





Projects:

GREENBURST - realtime FRB detector on GBT
Pulsar/FRB studies with FAST, Parkes, GMRT
Pulsar population syntheses (including Fermi/LAT)
FRB population syntheses (including CHIME Catalog2)
Handbook of Pulsar Astronomy (with Kramer)
Fast Radio Bursts (with Wang and Luo)

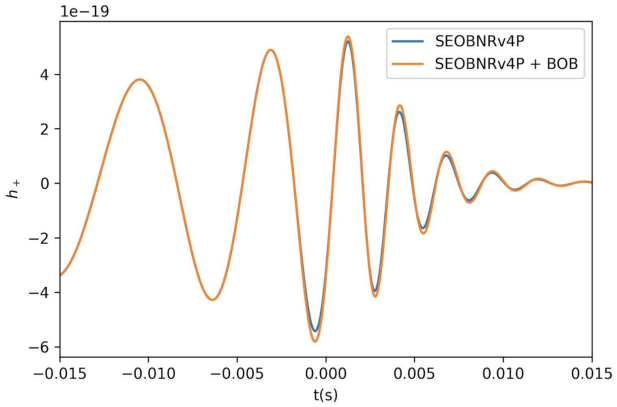
GRAVITATIONAL WAVES AND COSMOLOGY

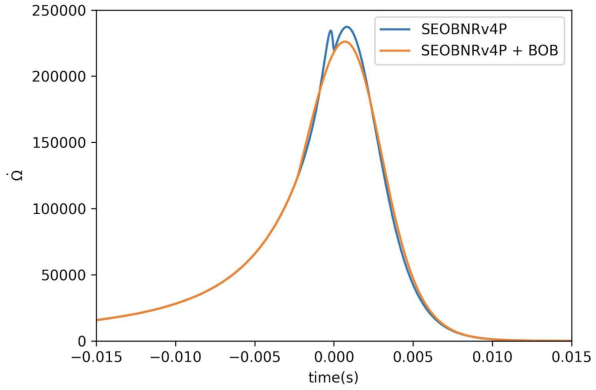
Sean McWilliams

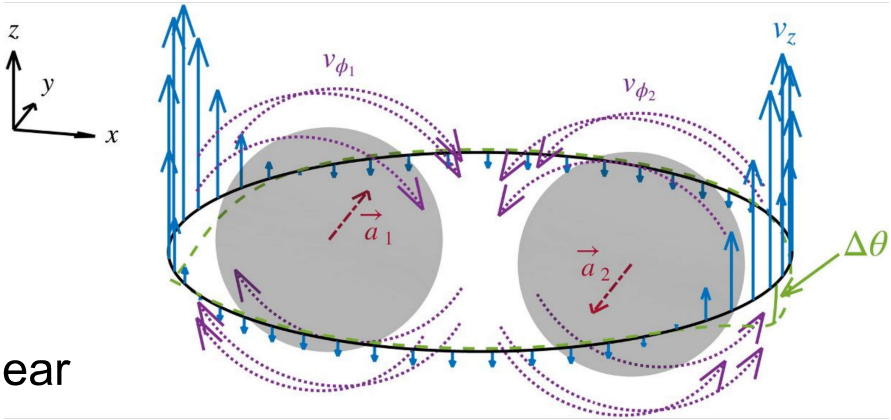
Research group:
Matthew Cerep (grad)
Suchindram Dasgupta (grad)
Anuj Kankani (grad)
Siddharth Mahesh (postdoc)

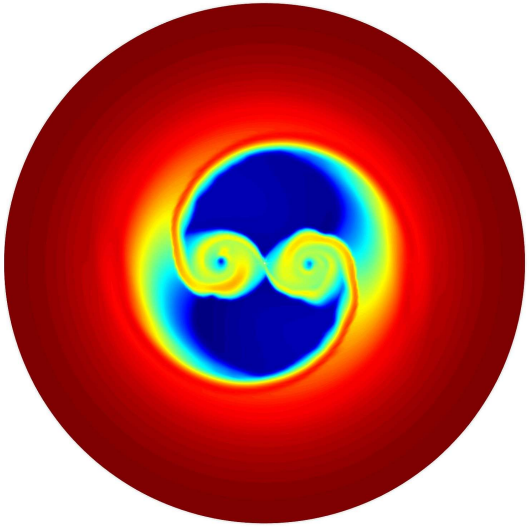
Current Funding: NASA LPS and EPSCoR

Projects:
BOB/SEBOB - next-generation waveform model development
BOB-based study of nonlinear GW memory, recoils, etc.
Simulating circumbinary accretion disks









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