

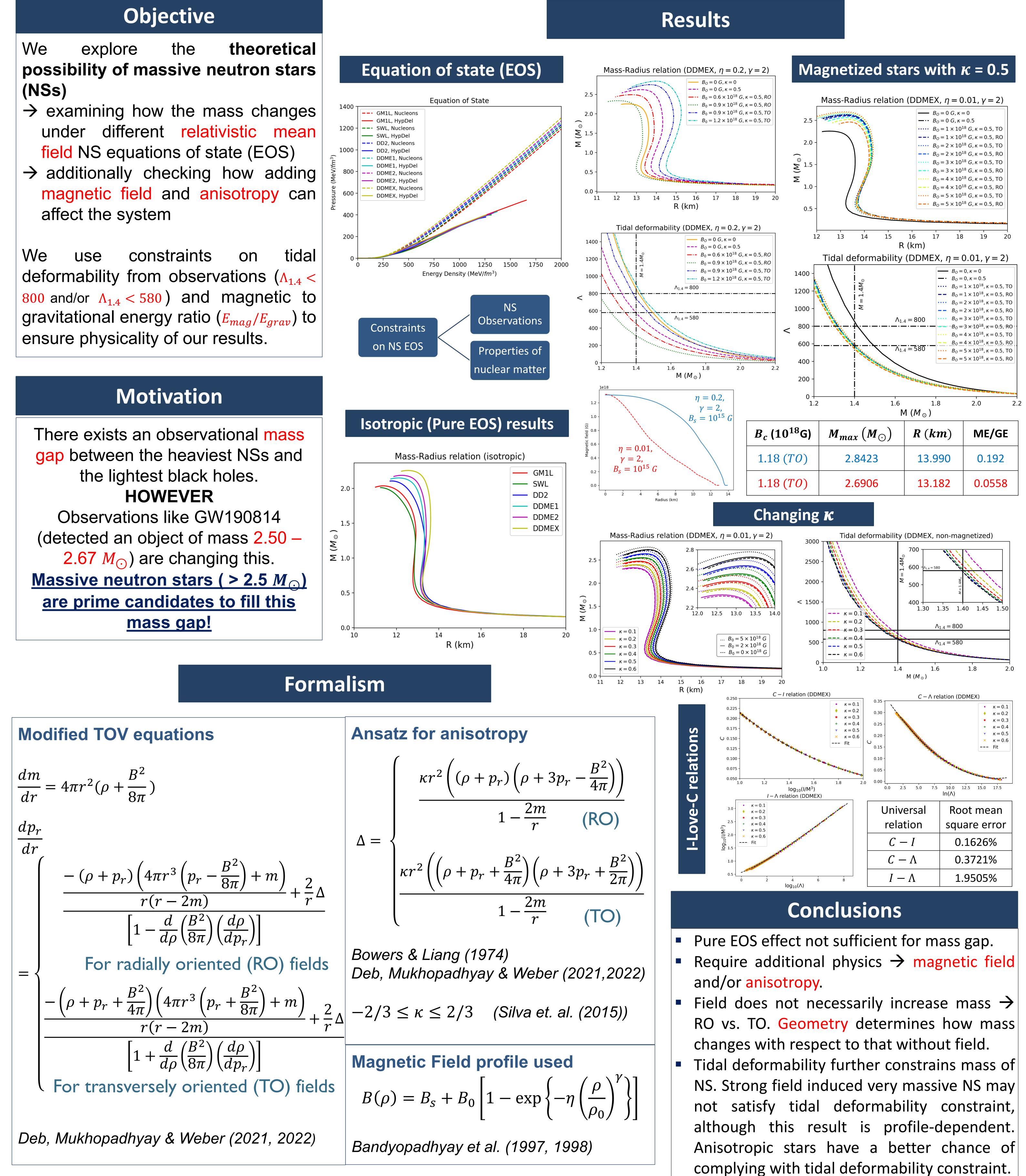
## भारतीय विज्ञान संस्थान

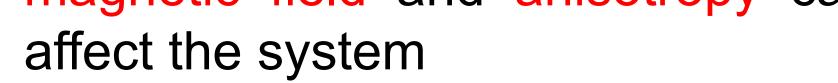
Massive neutron stars as mass gap candidates

Zenia Zuraiq<sup>1</sup>, Banibrata Mukhopadhyay<sup>1</sup>, Fridolin Weber<sup>2,3</sup> <sup>1</sup>Indian Institute of Science, <sup>2</sup>San Deigo State University, <sup>3</sup>University of California, San Deigo



- explore the
- under different relativistic mean field NS equations of state (EOS)





**Contact :** Zenia Zuraiq (Ph.D. Scholar and PMRF, IISc Bangalore) zeniazuraiq@iisc.ac.in

Mass gap range NSs are demonstrated to be possible, meeting all stability criteria