

The goal of the workshop was to identify connections between thermonuclear burst research and the wider community, and to set priorities for collaborative research in support of upcoming astronomical and nuclear research facilities. Talks and discussions were organized into four themes, bursting various different 'subject bubbles': nuclear physics, hydrodynamics, accretion, and white dwarfs. In addition to lively discussions, we also had tutorials on the use MESA to simulate thermonuclear bursts on white dwarfs and neutron stars, incorporating much of the physics we had discussed. Our goal was to develop a 5-year roadmap on the connections, to inform strategy and future plans for nuclear and astrophysical facilities, and international research networks like JINA-CEE. At the end of the week the participants had jointly developed a 17-page draft, which is now being refined and which will be submitted to a journal for publication later this year.