

11th International Meeting of the Union for Compact Accelerator-driven Neutron Sources (UCANS11)

Contribution ID: 59

Type: **Invited Talk (Category for invited speakers only)**

The Role of CANS in the Implementation of Very Cold Neutrons

Monday, 24 February 2025 15:20 (40 minutes)

Very Cold Neutrons represent a natural next step beyond the widely deployed cold neutron sources. As yet, there has been no practical VCN sources demonstrated to make a brighter VCN beam than simply using the low energy tail of a conventional cold moderator. In this talk I will summarize the development efforts and needs leading to practical VCN sources and the unique opportunity for Compact Accelerator-based Neutron Sources in that development.

Email Address

Presenter if not the submitter of this abstract

Funding Agency

US Departement of Energy

Abstract classification - track type

Cold Moderators and Beyond

Primary author: IVERSON, Erik (ORNL)

Presenter: IVERSON, Erik (ORNL)

Session Classification: Session 2