

SOS27 Workshop

Speaker first name, last name, and affiliation:

Trott Christian, Sandia National Laboratories

Presentation title: “Software Sustainability through Community Building”

Biography (max 700 characters, space included):

Christian Trott is a High Performance Computing expert at Sandia National Laboratories, where he co-leads the Kokkos core team, developing performance portability solutions for engineering and science applications. He heads Sandia's delegation to the ISO C++ committee and is a principal author of features like `mdspan` and linear algebra. Recently, he helped establish the High Performance Software Foundation and serves on its governing board. Christian advises application teams on redesigning their codes with Kokkos for next-generation supercomputers. Before joining Sandia, Christian earned a doctorate in theoretical physics from the University of Technology Ilmenau.