

## SOS27 Workshop

**Speaker first name, last name, and affiliation:**

Frank Mueller, North Carolina State University

**Presentation title:** “An Open-Source Framework to Integrate Quantum Computing with HPC”

**Biography (max 700 characters, space included):**

Frank Mueller is a Professor in Computer Science and a member of multiple research centers at North Carolina State University. Previously, he held positions at Lawrence Livermore National Laboratory and Humboldt University Berlin, Germany. He received his Ph.D. from Florida State University in 1994. He has published papers in the areas of parallel and distributed systems, embedded and real-time systems, compilers and quantum computing. He is a member of ACM SIGPLAN, ACM SIGBED and an ACM Fellow as well as an IEEE Fellow. He is a recipient of an NSF Career Award, an IBM Faculty Award, a Google Research Award and two Fellowships from the Humboldt Foundation.