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Bio

BIO

I am a Senior Staff Scientist at SLAC National Accelerator Laboratory. I earned my Ph.D. in physics from UCLA in 1998 under Claudio Pellegrini working on Self Amplified Spontaneous Emission free electron laser experiments at UCLA and Los Alamos National Laboratory. I joined SLAC in 1998 to work on the beam driven plasma wakefield accelerator experiments at the Final Focus Test Beam facility. I have subsequently served as the leader of the Advanced Accelerator Research Department and the Chief Scientist for the FACET Facility. I am now the Director of the FACET-II National User Facility and the FACET and Test Facilities Division Director. I am a Fellow of the American Physical Society, a Senior Member of the IEEE. In 2013 received the IEEE Particle Accelerator Science and Technology Award and in 2024 was awarded the John Dawson AAC Prize. My personal research interests seek to develop ideas for the application of plasma acceleration to linear colliders and free electron lasers.