



CAP 2021 VIRTUAL CONGRESS

Plenary Speaker Bio

ALESSANDRA LANZARA | UNIVERSITY OF CALIFORNIA, BERKELEY

Alessandra Lanzara is the Charles Kittel Professor of Physics at the University of California Berkeley since 2002. She is the founder and director of the Center for Sustainable Materials and Innovation and the Elected Chair of the American Physical Society (APS) Far West Section.

She is the founder of QuAD - Quantum Advanced Detection, a company that enables breakthrough research in quantum computing.

Lanzara has made groundbreaking contributions in quantum materials from discovery of electron-phonon interaction and recently spin momentum locking in high-temperature superconductors, to discovery and engineering of electron correlation in graphene. She has received several prizes such as Fibonacci Prize, Goepert Award, and Elected Fellow of American Physical Society.

Lanzara received a Master in Physics in 1995 from University of Rome La Sapienza, and a Ph.D. in Physics and Materials Science from the same university in 1999 and was a post-doctoral fellow at Stanford University since 2002.