Prof. Alessandra Lanzara

Alessandra Lanzara is a Professor of Physics at the University of California, Berkeley and Faculty Scientist at the Materials Sciences Division of the Lawrence Berkeley National Laboratory, since 2002.
Lanzara received her Laurea (1994) and PhD in Physics (1999) from the University of Rome La Sapienza and was a Della Riccia Fellow and an LBL Fellow in Physics at Stanford University (1999-2002).

She is leading the Ultrafast Materials Sciences Program at the Lawrence Berkeley National Laboratory and is a recognized world leader in the study of dynamical properties of quantum materials. She has co-authored over 150 publications and two book chapters.
She has developed new technologies for the growth of graphene thin films and for the detection of spin in materials with time and momentum resolution and holds three international patents.

Distinguished Scientist
Lanzara is considered one of the leading condensed matter scientists of her generation, as recently recognized by the Inernational Biographical Center in Cambridge, where she was elected Leading Scientists of the World. She has received more than 30 international prizes and awards, among which the Marie Goeppert award from the American Physical Society, the Emergent Phenomena in Quantum Matter award from the Gordon and Betty Moore foundation and the Mac Millan Prize, the highest recognition for a young scientist in condensed matter physics. In 2009 she was elected Fellow of the American Physical Society.

Lanzara has been called to serve on several prestigious Scientific Councils, such as the Science Policy Group of the United States Presidential Campaign; the Science Advisory Committee of the American Physical Society (Far West Section); the Photon Science Advisory Board for the Paul Scherrer Institute in Switzerland, and the Scientific Council of the Material Science Division at the Lawrence Berkeley National Laboratory.

She is an Editorial Board member in international scientific journals such as: Scientific Report, by Nature group; Euro Physics Letters from the European Physical Society; the Journal of Optics and Photonics and Physica C. She has organized more than ten international scientific conferences and served in several national and international prizes committees.

Outreach
Lanzara is often called upon to represent the scientific community at large and to support minority in physics. She has been a speaker for the National Academy of Science, Science Philanthropy Alliance and the Department of Energy to promote future opportunities in Science and dissemination of science to broader community.
She is serving as a Board Member for the Piedmont Maker group and the Superintended Committee to redesign the Next Generation Science Standard for the entire Piedmont School District.