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Ultra High Resolution Pump Probe Angle Resolved Photoemission Experiments on High Temperature Superconductor Bi₂Sr₂CaCu₂O₈

WENTAO ZHANG, Materials Sciences Division, Lawrence Berkeley National Laboratory, Berkeley, CA 94720, USA, CHRIS SMALLWOOD, Department of Physics, University of California, Berkeley, CA 94720, USA, CHRIS JOZWAIK, Materials Sciences Division, Lawrence Berkeley National Laboratory, Berkeley, CA 94720, USA, HIROSHI EISAKI, Nanoelectronics Research Institute (NeRI), National Institute of Advanced Industrial Science and Technology, Ibaraki 305-8568, Japan, ALESSANDRA LANZARA, Materials Sciences Division, Lawrence Berkeley National Laboratory, Berkeley, CA 94720, USA — Ultra high resolution laser-based pump probe angle-resolved photoemission measurements have been carried out on underdoped Bi₂Sr₂CaCu₂O₈ high temperature superconductor. In this talk, we will report on the observation and analysis of quasiparticle relaxation in Bi₂Sr₂CaCu₂O₈.

Wentao Zhang
Materials Sciences Division, Lawrence Berkeley
National Laboratory, Berkeley, CA 94720, USA

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