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[633] Orbital characters of the band structure in a high-temperature cuprate superconductor

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We present an angle resolved photoemission spectroscopy study of the overdoped cuprate superconductor $La_{2-x}Sr_xCuO_4$. Using the symmetry properties of the photoemission matrix element effect, we present on this poster the orbital character of the band structure. With the obtained information, consequences for superconductivity and pseudogap physics is discussed.

Author: HAUSER, Kevin (University of Zurich)

Co-authors: Dr MATT, Christian (University of Zurich); SUTTER, Denys (University of Zurich); COOK, Ashley (University of Zurich); Dr SASSA, Yasmine (Uppsala University); MANSSON, Martin (Royal Institute of Technology, Stockholm, Sweden); Prof. TJERNBERG, Oscar (KTH Royal Institut if Technology); Ms DAS, Lakshmi (University of Zurich); Dr PLUMB, Nicolas (Swiss Light Source, PSI); Prof. SHI, Ming (PSI); Dr STROCOV, V. (Paul Scherrer Institute); PYON, S. (Department of Advanced Materials, University of Tokyo); TAKAYAMA, T. (Department of Advanced Materials, University of Tokyo); TAKAGI, H. (Department of Advanced Materials, University of Tokyo); LIPSCOMBE, O.J. (H.H. Wills Physics Laboratory, University of Bristol); HAYDEN, S.M. (H.H. Wills Physics Laboratory, University of Bristol); KUROSAWA, T. (Department of Physics, Hokkaido University); MOMONO, N. (Department of Physics, Hokkaido University); ODA, M. (Department of Physics, Hokkaido University); Prof. NEUPERT, Titus (University of Zurich); Prof. CHANG, Johan (University of Zurich)

Presenter: HAUSER, Kevin (University of Zurich)

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