



	Experiment title: How does Zn and Sr doping change the magnetic excitation spectrum of La_2CuO_4 ?	Experiment number: HE-3853
Beamline: ID08	Date of experiment: from: 31/10/12 to: 06/11/12	Date of report: August 16, 2013
Shifts: 18	Local contact(s): Flora Yakhou-harris	<i>Received at ESRF:</i>
Names and affiliations of applicants (* indicates experimentalists): Dr. Mark P. M. Dean*, Dr. Ivan Bozovic, Dr. John P. Hill, Dr. Thorsten Schimtt*, Prof. Giacomo Ghiringhelli*		

Report:

The results of this beamtime have now been published as:

“Persistence of magnetic excitations in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ from the undoped insulator to the heavily overdoped non-superconducting metal ” M. P. M. Dean, G. Dellea, R. S. Springell, F. Yakhou-Harris, K. Kummer, N. B. Brookes, X. Liu, Y.-J. Sun, J. Strle, T. Schmitt, L. Braicovich, G. Ghiringhelli, I. Bozovic, J. P. Hill[†] *Nature Materials* (2013) doi:10.1038/nmat3723 (Advanced online publication)

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Please refer to this for the details of the experiment performed.