

	Experiment title: REXS-in-RIXS: Resonant scattering from charge stripes in $\text{La}_{2-x}\text{Ba}_x\text{CuO}_4$ and $(\text{LaEu})_{2-x}\text{Sr}_x\text{CuO}_4$	Experiment number: HE-3856
Beamline: ID08	Date of experiment: from: 26/09/12 to: 02/10/12	Date of report: July 11, 2013
Shifts: 18	Local contact(s): Nick Brookes	<i>Received at ESRF:</i>
Names and affiliations of applicants (* indicates experimentalists): Prof. Giacomo Ghiringhelli*, Prof. Lucio Braicovich*, Dr. Mark P. M. Dean*, PhD student Matteo Minola*, Dr. Stuart. B. Wilkins*, Dr. Mathieu Le tacon*, Dr. Claudio Mazzoli, Dr. John P. Hill, and Prof. Bernard Keimer		

Report:

The results of this beamtime have now been published as:

“Magnetic excitations in stripe-ordered $\text{La}_{1.875}\text{Ba}_{0.125}\text{CuO}_4$ studied using resonant inelastic x-ray scattering” M. P. M. Dean*, G. Dellea, M. Minola, S. B. Wilkins, R. M. Konik, G. D. Gu, M. Le Tacon, N. B. Brookes, F. Yakhov-Harris, K. Kummer, J. P. Hill, L. Braicovich, and G. Ghiringhelli[†] *Phys. Rev. B* **88**, 020403 (2013)

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