

Rowan C. Temple, Trevor P. Almeida, Jamie R. Massey, Kayla Fallon, Raymond Lamb, Sophie A. Morley, Francisco Maccherozzi, S. S. Dhesi, Damien McGrouther, Stephen McVitie, Thomas A. Moore and Chris H. Marrows (2018): Dataset associated with 'Antiferromagnetic-ferromagnetic phase domain development in nanopatterned FeRh islands'. University of Leeds. [Dataset]. <https://doi.org/10.5518/453>

File	Description	Filename	Filename
PEEM - 0.5x0.5um island	PEEM XMCD temperature series of four 0.5um islands - cooling and heating branch	0.5x0.5um.zip	
PEEM - 1x1um island	PEEM XMCD temperature series of a 1um island - cooling and heating branch	1x1um.zip	
PEEM - 5x5um island	PEEM XMCD temperature series of a 5um island - cooling and heating branch. Data used for Figure 3a.	5x5um.zip	
PEEM - Vector map	PEEM XMCD vector map calculated from two XMCD images. Data used for Figure 3c and 3d.	vectormaps.zip	
SEM	Data used for SEM images in Figure 1. Microscope configuration included in image.	4_200717_3_0_45_se205.tif	4_20071703.tif
SQUID-VSM	Raw temperature dependent vibrating sample magnetometry.	4_200717_mvT.dat	
TEM	Cross-section TEM data used in Figure 1d and 8.	002_1_0MX_thinarea_FeRhNi_AL_JEOL_ADF1.dm3	006_4MX_elementedge_FeRhNi_AL_JEOL_ADF1_processed.dm3
XRD	X-ray diffraction data used in Figure 2	2_120617_has_fullscan.dqi	