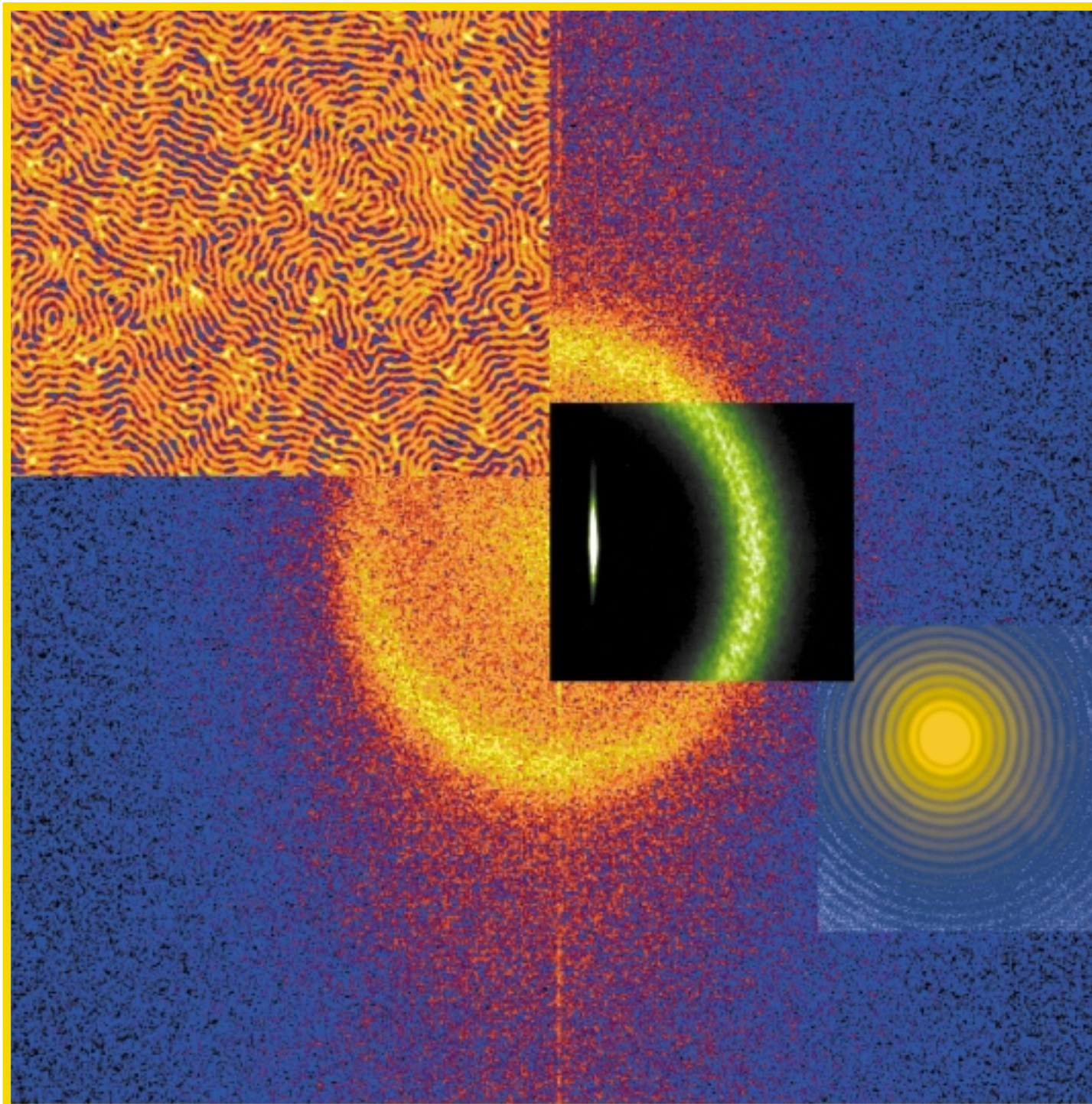


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A Magnetic Force Microscopy image of the magnetic domains in $GdFe_2$ thin films (top left); the diffraction image from these domains as taken on beamline ID12B (centre); and a Fraunhofer image illustrating the nearly perfect coherence that can be obtained with soft X-rays (bottom right). In the background is the 2-D powerspectral density of the MFM picture.

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