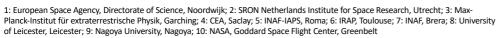
Calibrating the Athena telescope

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Athena is ESA's upcoming X-ray mission, currently set for launch in 2031. With two nationally-funded, state-of-the-art instruments (a high-resolution spectrograph named X-IFU and a wide-field imager named WFI), and a telescope collecting area of ~1.4 m² at 1 keV, the calibration of the spacecraft is a challenge in itself. This poster summarises the Mirror Calibration Plan (issue 1.3) and presents the current (autumn 2019) plan of how to calibrate the Athena telescope. It is based on a hybrid approach, using bulk manufacturing and integration data as well as dedicated calibration measurements combined with a refined software model to simulate the full response of the optics.

