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Capabilities, applications and status update of ODIN, the imaging instrument at ESS

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ODIN is ESS state-of-the-art multipurpose Neutron Imaging Instrument, designed and being built by TUM and PSI. Using wavelength-resolved imaging with tuneable medium to high wavelength resolution, will provide significantly increased chemical and structural sensitivity compared to other neutron imaging instruments, with fixed (or absent) wavelength resolutions. We present some of the design highlights, instrument capabilities, possible applications and the present status of the installation.

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