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## Helmholtz Imaging Support Team in DESY-IT/RIC

The Helmholtz Imaging Support Team exploits and develops a broad spectrum of deep learning architectures, to a variety of challenges as they occur along the scientific imaging pipeline. The tasks include classification, segmentation, registration, generation, denoising, reconstruction and more. The most commonly used architectures in the team are CNNs, VAEs, GANs, MLPs, Autoencoder/Decoder and LLMs.

**Primary authors:** SCHWARTZ, David (IT (Research and Innovation in Scientific Co)); EREN, Engin (DESY / Helmholtz Imaging); AHRENS, Jennifer (IT (Informationstechnik)); HEUSER, Philipp (DESY/Helmholtz Imaging)

**Presenter:** HEUSER, Philipp (DESY/Helmholtz Imaging)

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