

# 2<sup>nd</sup> International Hybrid Workshop

on

Start-to-end Beamline Optimization for Synchrotron Radiation and Free-Electron Laser Facilities through Artificial Intelligence Approaches

17-18 January 2024  
DESY, Hamburg, GERMANY

The International Hybrid Workshop (IHW) series aim to bring “photon beamline scientists of SR and FEL facilities, physicists and computer engineers” together on a dedicated interdisciplinary scientific research basis.

Current status and recent progresses on development and validation efforts for the GASOLINE software will be presented in detail.

Comments and recommendations on future prospects for the international bilateral cooperation project between TÜBİTAK of Turkey and BMBF of Germany, entitled “Genetic Algorithms based Synchrotron radiation Optimization for an X-ray beamLINE (GASOLINE)”, will be discussed.

## Organizing Committee

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