

TUNISIAN REPUBLIC Ministry of Higher Education and Scientific Research University of Carthage



National Institute of Applied Sciences and Technology

Graduation Project

to obtain the

National Engineering Diploma

in Applied Sciences and Technology

Specialty: Software Engineering

Aare: A Flexible Data Analysis Library for Hybrid Pixel Detectors

Prepared by

Bechir Braham

Hosted by Paul Scherrer Institute



Defended on the 01/10/2024 in front of a jury composed of:

Ms. Imen MAMI President of the jury

Ms. Hajer TAKAK Reviewer

Mr. Erik Fröjd Supervisor at the Company

Ms. Ghada Gasmi Supervisor at INSAT

School year: 2023 / 2024



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