

GRADUATE SCHOOL EES



Programming project within the Kadi4Mat framework

Explanation: Good research data management is becoming increasingly important. Therefore, the Cluster of Excellence POLiS operates a data server with the data exchange and analysis platform Kadi4Mat. Within the Graduate School Electrochemical Energy Storage (GS-EES), it is possible to receive up to 2 Credit Points (within the category good scientific practice / research ethics) for a programming project, if this project clearly exceeds the typical effort of a doctoral researcher devoted to research data management. The project should integrate Kadi4Mat into the own research data management or develops new features for using Kadi4Mat. Examples include the development of converter tools for the automatic data acquisition with Kadi4Mat, the rewriting of own tools or workflows so that they can be used in Kadi4Mat, the development of tools to connect further repositories or electronic lab notebooks or the development of open source tools for standardized data processing or visualization.

Procedure: Get in contact to the POLiS research data handling officer to check whether your idea fits to the requirements. The processing of the project should be an independent activity with a time frame of at least 20 hours per Credit Point. Basic programming skills, preferably in Python, are recommended. The research data handling officer is available for assistance. After completion of the project, discuss the results with the research data handling officer, including the source code. Please fill out and sign the following form and send it to the research data handling officer who will sign it and send it back. Afterwards the form can be submitted to the manager of the Graduate School.

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Name:

Institute:

E-mail address:

Project title:

Project description:

Credit points:

.....
Date, Signature

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Date, Signature
Research Data Handling Officer