

Software suites for project DESMEX-II

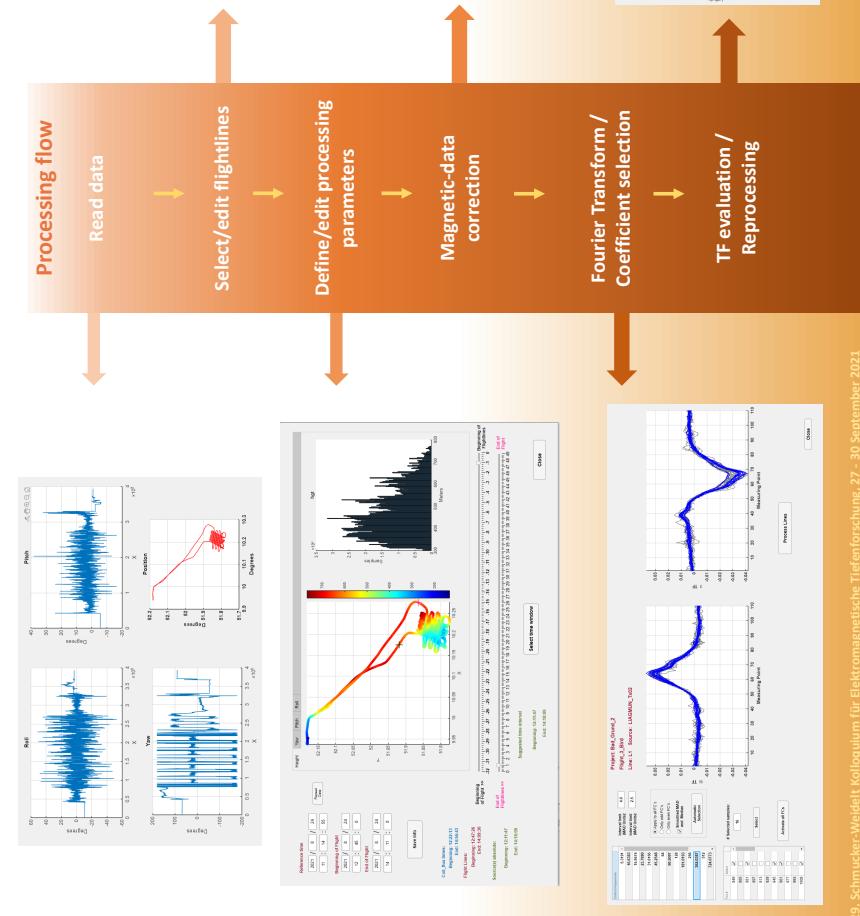


Abstract

In order to optimize the data-processing workflow in DESMEX-II, a software suite was developed to improve the use of available processing code (Becken et al., 2020). Furthermore, the acquired knowledge inspired a second software suite based exclusively in open-source libraries

DESMEX-Suite (Matlab)

- Works as an in input/output layer for EMTS code (Becken et al., 2020).
- New tools were developed for flightlines selection and FC's selection.



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A new, fully open-source version:
DESMEX-PY (Python)

Besides common Python libraries (Numpy, Scipy, etc.), our software uses the following open-source libraries:

- PyGrF
- PyTfw
- UTM
- Razorback

