

## ExL, not Excel

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Manual data entry will always be part of data acquisition, at least to the level of comments, observations, ideas and decisions. Our use case of ExperimentLogging (ExL) at laser particle acceleration includes also the machine parameters, experiment parameters and detector settings, and was typically done as spreadsheet document tables. This hampers analysis due to scattered files and differing structures. We are developing a web-app to facilitate data entry from a browser-based form directly to a database. Metadata is added to assign entries to experimental campaigns, dates, teams and further context. Data fields and form layout can be configured within the app. Other ELNs like MediaWiki can be included as data sources. A live demo will be shown within this presentation.

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