

Some tools for us: The IPS Wiki, emuDB Manager, LRZ Computing

There are a number of tools and possibilities available to the IPS that not everyone knows about. In this talk, I would like to briefly present some of them. If there is interest in a more in-depth, hands-on presentation of some of them, we can organize a follow-up to do that.

The **IPS Wiki** is a web site for internal use, where we can share documentation and calendars with other staff and with students. With our recent switch of online calendars to the IPS Wiki, it has become more important. The Wiki is technically a space within the so-called BayernCollab, which is an “internal” collaboration web site – internal to all of Bavaria’s scientific institutions. I would like to show you some of the content that is already online there as well as your options to add new content from and for your projects.

Two of the tools documented on the IPS Wiki are the emuDB Manager and LRZ Computing. I will present these two examples explicitly, although not in-depth, to show you what they are good for and how to get started using them. The **emuDB Manager** [1] is a tool we developed during Felicitas’s DACH project (2016–2019). It is used to make Emu databases accessible to students and collaborators and to organize annotation work on Emu databases. **LRZ Computing** is currently our way to do AI/Machine Learning work that needs GPUs. It is also a way to use Jupyter Notebooks or browser-based RStudio. This talk is to give you a brief introduction into these tools. If some of you are interested in learning more about them, we will organize a hands-on session for anybody who is interested.

References:

[1] Jochim, M. (2017) Extending the EMU Speech Database Management System: Cloud Hosting, Team Collaboration, Automatic Revision Control. Proc. Interspeech 2017, 813-814.
https://www.isca-archive.org/interspeech_2017/jochim17_interspeech.html