

## Don't brick your research! Bluebrixx© it! Teaching usable documentation with Bluebrixx©

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Reproducibility, Open Science and Documentation. The ideas are everywhere in science! In textbooks and tutorials we are repeatedly told to describe what we did so that somebody else can do it too. We try, and yet whenever anyone tries to reproduce our research, or we try to reproduce someone else's, we find that it's not really possible unless they contact us for details about our work, or we talk to them about their work. So then, what does it mean exactly to document research so that it is open and reproducible in such a way that that somebody else can do it without having to contact us? This workshop will use Bluebrixx (our local German flavor of the building brick toys!) to guide researchers in understanding the principles of documenting research for human users. We will outline the basic concepts of how human minds understand sequential information. We will also describe the cognitive tools we can use to make sure that information is complete and usable.

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