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Professional Development for the Productive Use of Digital Data Acquisition in the Physics Classroom

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Despite the importance of Digital Data Acquisition (DDA) for research in the physical sciences and in our daily lives, physics teachers seem to shy away from utilizing these tools for their teaching on a regular basis. With the aim of supporting teachers in planning and implementing DDA in their lessons, we developed a multi-part professional development program (PD), where teachers can explore experiments with DDA and learn more about the basics of DDA systems. Our submission provides insights into the PD design as well as preliminary results of the PD evaluation.

Primary authors: NEUMANN, Knut (IPN –Leibniz Institute for Science and Mathematics Education); RUNGE, Lea (IPN –Leibniz Institute for Science and Mathematics Education); FESER, Markus Sebastian (IPN –Leibniz Institute for Science and Mathematics Education)

Presenter: RUNGE, Lea (IPN –Leibniz Institute for Science and Mathematics Education)

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