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【3004】 Engaging Physics Tutoring: Easy to prepare, fun to teach.

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How can I improve the learning success in my physics exercise class? Can I prepare an engaging lesson efficiently? Our Engaging Physics Tutoring (EPT) project addresses these questions by providing a hands-on didactical tool-box for physics teaching assistants. 13 fully worked out lessons for introductory physics as well as nuclear and particle physics lectures are available online as eBooks. They serve as an example of a widely applicable teaching concept based on advance organizer slides, multiple choice questions and an interactive “hit of the lesson”. A short pre- and a post-test monitors the learning success over each lesson. The project was supported by the ETH Zürich Rector’s Impulse Fund.

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