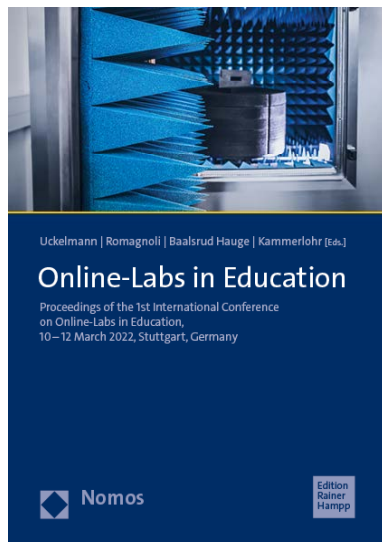


Online Labs in Higher Education for the Internet of Things Generation



Online-Labs in Education

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The digitalisation or virtualisation of lab equipment in higher education promises numerous benefits for all those involved. Economic benefits from sharing lab infrastructures, convenient remote access to labs anytime and anywhere, as well as the sharing and linking of lab-based lectures are just some of the advantages that come to mind when think-

With contributions by

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ing of online lab infrastructures. However, the technical, didactical and organisational effort required to digitalise labs should not be underestimated. The different chapters of this book provide insights into these different aspects from the perspectives of both researchers and lecturers.

Klein, Sebastian Koch, Johannes Kretzschmar, Jean-Vincent Loddo, Abdelwadoud Mabrouk, Kazim Mazhar, Davide Mezzogori, Johannes Nau, Mattia Neroni, Eva Ngo, Irman Omerovic, David Paradise, Thomas Pertsch, Anke Pfeiffer, Tobias Christian Piller, Paul Press, Steffen Prowe, Hans-Georg Reimer, Benedikt Reuter, Davide Reverberi, Giovanni Romagnoli, David Romero, David Schepkowski, Ulrik Schroeder, Artem Schurig, Florian Schwabe, Jan Seedorf, Falko Sojka, Detlef Streitferdt, Rafael David Tordecilla, Peter Treffinger, Dieter Uckelmann, Maria Ustenko, Kubilay Yildiz, Erfan Abbasi Zadeh Behbahani and Gottfried Zimmermann.

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