عنوان فارسی مقاله:
آزمایشگاه مترولوژی مجازی برای یادگیری الکترونیکی

عنوان انگلیسی مقاله:
Virtual metrology laboratory for e-learning

توجه!
این فایل تنها قسمتی از ترجمه میباشد. برای تهیه مقاله ترجمه شده کامل با فرمت ورد (قابل ویرایش) همراه با نسخه انگلیسی مقاله، اینجا کلیک می‌باشد.
5. Conclusion and future work

An ambitious project has been launched by Bordeaux University on virtual laboratories for physics or sciences in general and their technological applications. The project is based on 3D simulation in a web application to allow the laboratory to be widely used. The platform integrates a communication module with an LMS (Moodle) to manage the accounts and personal data, and to provide support for the experimental exercises.

The first prototype application is under development for dimensional metrology classes. The next step will be to extend the prototype to geometrical metrology. By implementing the guiding principles, it is expected that the application can be extended to other disciplines with the same platform.

Evaluation is not addressed in this paper because of the difficulty of evaluating work when different solutions may be proposed for the same goal. One way of carrying out evaluation, or validation to be more precise, would be to compare the student’s result to a reference value.