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# PBE 2022

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The conference about project-based education and other student-activation strategies and modern issues in science education is organised at the Department of Chemistry and Chemistry Education, Faculty of Education, Charles University with support of other departments focused on teacher training. Pre-service training is crucial to promote these methods oriented on students' activity effectively. Based on empirical data, it is obvious that activating strategies need to be trained in pre-service teacher training as teachers who have not tried these activities themselves are unlikely to apply them in their future practice. At the same time, it seems that applying these strategies (namely project-based and inquiry-based education) requires gradual steps. Students need to get used to growing autonomy of their own learning step by step. From the teachers' competences point of view it is important to choose appropriate amount of scaffolding and its successive decreasing.

Contributions of practical and theoretical nature in this respect offer still broader information platform. Outcomes of the conference aim at practice as well as science, so not only examples of good practice, but also proofs of effectiveness of concrete activities would enable spread of number of teachers and researchers who focus on this area.

The conference application is available via this [form](#) .