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Type: **Poster**

Prospective primary teacher education on electric phenomena

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Prospective Primary Teachers (PPT) education requires activities to produce competence, crucially in producing conceptual change, from common sense ideas to a scientific vision of phenomena. Test -in/out and research-based proposals as formative tools seem useful to identify the learning knots of specific topics and to support professional development of PPT. An in-out test on electric phenomena was developed using the research outcomes on conceptual knots, administered to a group of PPT before and after a formative module. The learning gain of the formative module emerged in data analysis, offering guidelines for PPT pre-service education.

How would you like to present your contribution?

Hybrid from my own country (later in the conference day, best for Americas ...)

Target education level (primary)

Pre-service teacher education

Target education level (secondary, optional)

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Session Classification: Hybrid session - later

Track Classification: Physics teacher education and professional learning communities