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X-TechLab in Benin as a model for human capacity building in X-Ray science

Friday, 17 November 2023 14:30 (30 minutes)

X-TechLab is the first experimental platform in West Africa dedicated to training in X-ray techniques and their application to problem solving in key economic sectors. It is established within Sèmè City hub, one of the Benin government's flagship project which aims to create a world-class knowledge and innovation center in Africa. Started in 2019, X-TechLab has trained over 100 learners (PhD students, Engineers & Postdocs) from 13 African countries, more than 1000 undergraduate students and has involved around 30 lecturers from Africa, Europe, USA, and Western Asia. Several applied research projects are underway, some of which have already led to scientific publications in peer-review journals.
This presentation will focus on how X-TechLab becomes a role model for human capacity building in Africa. It will highlight the current and upcoming challenges.

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