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The Sketchbook and the Collider

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The remarkable similarity in the creative processes of science and art provides a unique basis for innovative collaborations between particle physics and fine art developing approaches to enthuse young people regarding STEAM subjects.

“The Sketchbook and the Collider” is an art|science collaboration and it has developed into an evolving, travelling package of art exhibitions and supporting educational workshops and events with recent significant advances in three aspects: moving image work and its integration into the drawing installations, drawings on a large scale to reflect not only the massive machinery necessary for particle physics research but encouraging a more active role for the viewer, and finally introducing the practical workshops, originally designed for 14 to 16-year-olds, to much younger pupils aged 7-10 years.

The aspiration is to stimulate inquiry and the development of a “creative curiosity” enhancing learning through creative activities, where physics concepts are communicated through visual arts. The development, trialling, and evaluation of “The Sketchbook and the Collider” is presented and reflected upon and the relationship between the educational workshops and the fine art exhibitions is explored.

In-person participation

Yes

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