

ICHEP2012



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## Opportunities to Learn Scientific Literacy

*Saturday, July 7, 2012 9:30 AM (20 minutes)*

Support for “big science” must come from a society that is scientifically literate. We get few chances to develop scientific literacy for students who do not study science formally in university or college. QuarkNet provides activities in which high school students work with particle physics data and do scientific investigations. Evaluation data show that participants broaden their frame of reference for science, learning how scientists discover new knowledge and talk about their work. We will provide brief descriptions of three activities—masterclasses, e-Labs and student research teams, methods and results of the evaluation and some effective practices based our work.

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