

Abstract Submitted
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Warwick and Uppsala Programmes to encourage girls toward scientific careers SUZY LIDSTRÖM, Royal Swedish Academy of Sciences and Uppsala University, ALLY CALDECOTE, University of Warwick, MAJA HALLSING, University of Uppsala, TOM HASE, University of Warwick, BJÖRGVIN HJÖRVARSSON, University of Uppsala, KAYLEIGH LAMPARD, University of Warwick — We report on two European programmes intended to encourage girls in England and Sweden to embark on studies in physics and other areas of science at university, with the hope that, eventually, they will decide to pursue scientific careers. Although different in substance, and in terms of their aims, both programmes select 16 and 17 year-old girls with a view to taking them on a life-changing experience to visit large scientific facilities (ESRF and ILL) in Grenoble, France from which they should benefit at many levels. Physicists at the University of Warwick are already well underway with their programme, having used an essay based competition to determine who will participate. In contrast, the University of Uppsala will use broader selection criteria in the hope of identifying those who will be most likely to impart their enthusiasm to their contemporaries and to younger peers on their return. The girls will be visiting the XMaS beamline at the ESRF and the SuperADAM experiment at the ILL during the week preceding the April APS meeting, and we will report on the outcome of their experience, with supporting media and documentation. Numerous occasions to meet and interact with female scientists will be ensured.

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