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Title:	Track finding at Belle II.
Authors:	Patra, Sourav (/jspui/browse?type=author&value=Patra%2C+Sourav)
Keywords:	Tracking algorithms Tracking detectors Belle II
Issue Date:	2021
Publisher:	Science Direct
Citation:	Computer Physics Communications, 259.
Abstract:	This paper describes the track-finding algorithm that is used for event reconstruction in the Belle II experiment operating at the SuperKEKB B-factory in Tsukuba, Japan. The algorithm is designed to balance the requirements of a high efficiency to find charged particles with a good track parameter resolution, a low rate of spurious tracks, and a reasonable demand on CPU resources. The software is implemented in a flexible, modular manner and employs a diverse selection of global and local track-finding algorithms to achieve an optimal performance.
Description:	Only IISER Mohali authors are available in the record.
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