



Contribution ID: 300

Type: Oral

Multi-threaded Event Reconstruction with JANA

Thursday, 14 March 2019 18:40 (20 minutes)

JANA2 is multi-threaded event reconstruction framework being developed for Experimental Nuclear Physics. It is an LDRD funded project that will be the successor of the original JANA framework. JANA2 is a near complete rewrite emphasizing C++ language features that have only become available since the C++11 standard. Successful and less-than-successful strategies employed in JANA and how they are being addressed in JANA2 will be presented as well as new features suited to modern and future trends in data analysis.

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Session Classification: Track 1: Computing Technology for Physics Research

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