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March 10, 2021

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²FLUKA set of references, subject to change:

- T.T. Böhlen, F. Cerutti, M.P.W. Chin, A. Fassò, A. Ferrari, P.G. Ortega, A. Mairani, P.R. Sala,
 G. Smirnov, and V. Vlachoudis, "The FLUKA Code: Developments and Challenges for High Energy
 and Medical Applications", Nuclear Data Sheets, 120, 211-214 (2014)
- A. Ferrari, P.R. Sala, A. Fassò, and J. Ranft, "FLUKA: a multi-particle transport code", CERN-2005-10 (2005), INFN/TC_05/11, SLAC-R-773.

Use of Flair must be acknowledged using the following reference:

"FLAIR: A Powerful But User Friendly Graphical Interface For FLUKA", V. Vlachoudis, Proc. Int. Conf. on Mathematics, Computational Methods & Reactor Physics (M&C 2009), Saratoga Springs, New York, 2009

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