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## Interpretation of $\Lambda$ hyperons spin polarization measurements

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The physics interpretation of the recent measurements of the spin polarization of  $\Lambda$  hyperons produced in relativistic heavy-ion collisions is discussed. It is suggested that the polarization measured in the  $\Lambda$  rest frame should be projected along the direction of the total angular momentum that is first transformed to the same frame, and only then averaged over  $\Lambda$ 's with different momenta in the center-of-mass frame. While the improved procedure is not expected to significantly change the present results regarding the global spin polarization, it may affect the estimates of the magnitude of the polarization and its energy dependence. Such a treatment is also generally more appropriate whenever directions in the  $\Lambda$  rest frame and in the center-of-mass frame are compared.

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