

Abstract Submitted
for the HAW09 Meeting of
The American Physical Society

The TRIUMF TWIST experiment¹ JEAN-MICHEL POUTISSOU,
TRIUMF — The TWIST experiment at TRIUMF has been conducted by a
Canadian-USA-Russia collaboration which has measured the parameters describ-
ing the decay at rest of polarized muons, with the goal of placing constraints on
physics beyond the Standard Model. The original objective of an order of mag-
nitude improvement on the precision with which the parameters rho, delta and
Xsi,-which describe the positron momentum and emission angle spectra,-are deter-
mined is within reach and final analysis of the systematic uncertainties on the new
measurements are almost complete. I will present an update on this important high
precision experiment and place it in the context of several recent other muon decay
measurements.

¹Supported by NSERC-Canada,DOE-USA and Russian funding agency.

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Date submitted: 30 Jun 2009

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