

Editorial

Published online: 24 November 2006 – © Springer-Verlag / Società Italiana di Fisica 2006

The planning of experiments followed by the construction, data taking and evaluation is accompanied by many in-depth studies which contain valuable information, but which often remains unpublished. The close interplay between theory and experiment triggers important investigations which, however, do not always end up in regular publications. In order to improve this situation, the European Physical Journal C has introduced the new section ‘Tools for Experiment and Theory’. Articles published in this new section are refereed as usual, and there are no a priori restrictions on the number of pages, pictures, table size etc.

Some typical applications are:

- Monte Carlo generators and their tuning
- Development and tests of algorithms
- Investigations of background processes
- Studies on systematic uncertainties
- Development of tools for searches for new particles
- Trigger studies
- Development, simulations and performance of detectors
- Results from technical runs and test beams

Heidelberg, November 2006

Jochen Bartels, Dieter Haidt and Michal Turala