

## Publications 2004

### Articles in International Journals from the Philadelphia ISI Master List

1. T. Akesson, (Z. Hajduk, J. Olszowska, R. Szczygiel) et al.,  
*Status of Design and Construction of the Transition Radiation Tracker (TRT) for the ATLAS Experiment at the LHC*,  
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2. T. Akesson, (Z. Hajduk, J. Olszowska) et al.,  
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*ATLAS Transition Radiation Tracker Test-Beam Results*,  
Nucl. Instr. Meth. **A522** (2004) 50;
4. H. Al-Wahsh, (P. Zieliński) et al.,  
*Nonlinear Effect of Perpendicular Magnetic Field on the Antiferromagnetic Phase Transition in Weakly Coupled Layered System: Equal Access Decoupling Scheme*,  
Phys. Rev. **B70** (2004) 014405;
5. ALICE Collab., P. Cortese, (J. Bartke, E. Gładysz-Dziaduś, E. Kornaś, A. Rybicki) et al.,  
*ALICE Physics Performance Report. vol I*,  
J. Phys. **G30** (2004) 1517;
6. S. Armstrong, (A. Kaczmarska) et al.,  
*Studies for a Common Selection Software Environment in ATLAS: From the Level-2 Trigger to the Offline Reconstruction*,  
13<sup>th</sup> Conf. on Real Time, in: IEEE Trans. Nucl. Sci. **51** (2004) 973;
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10. S. Asai, (E. Richter-Wąs) et al.,  
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**hep-ph/0402254** and Eur. Phys. J. **C32S2** (2004) 19;
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*Two-Loop Fermionic Electroweak Corrections to the Effective Leptonic Weak Mixing Angle in the Standard Model*,  
Nucl. Phys. B (Proc. Suppl.) **135** (2004) 119;
12. M. Awramik, M. Czakon, A. Freitas, G. Weiglein,  
*Complete Two-Loop Electroweak Fermionic Corrections to  $\sin^2 \theta_{eff}^{lept}$  and Indirect Determination of the Higgs Boson Mass*,  
**hep-ph/0407317** and Phys. Rev. Lett. **93** (2004) 201805;

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**hep-ph/0311148** and Phys. Rev. **D69** (2004) 053006;
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18. R. Barna, (A. Budzanowski, M. Kistryn, S. Kliczewski, P. Kulesa, K. Pysz, R. Siudak) et al.,  
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