

# Bibliography of the HARP–CDP group

This is the list<sup>1</sup> of documents that describe or evaluate the detector calibration and physics analysis work of the HARP–CDP group.

The documents are grouped as follows:

1. Publications in Journals
2. ‘Comments’ on, and ‘Rebuttals’ to, publications by the HARP Collaboration
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7. HARP–CDP reports
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10. Excerpts on HARP from minutes of the CERN–SPSC and the CERN–RB

## 1 Publications in Journals

- [1] I. Boyko, G. Chelkov, D. Dedovitch, A. Elagin, M. Gostkin, A. Guskov, Z. Kroumchtein, Yu. Nefedov, K. Nikolaev, A. Zhemchugov (JINR Dubna); R. Dumps, F. Dydak, J. Wotschack (CERN); A. Ammosov, V. Gapienko, V. Koreshev, A. Semak, Yu. Sviridov, E. Usenko, V. Zaets (IHEP Protvino), The HARP Resistive Plate Chambers: Characteristics and Physics Performance, Preprint CERN–PH–EP–2007–005, Nucl. Instr. Meth. Phys. Res. **A578** (2007) 119
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### 3 Conference reports and seminar talks

- [1] M. Bogomilov, D. Dedovitch, R. Dumps, F. Dydak, V. Gapienko, A. Semak, Y. Sviridov, E.A. Usenko, J. Wotschack and V. Zaets, The HARP RPC time-of-flight system, Nucl. Instrum. Methods Phys. Res. **A508** (2003) 152
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## 8 The HARP schism

The developments that led to the establishment of the HARP-CDP group and its independent line of publications, are documented in two short papers available at

<http://cern.ch/harp-cdp/StateofHARP.150106.pdf>

and

<http://cern.ch/harp-cdp/WhiteWash.pdf>

## 9 External reviews

With a view to clarifying the scientific aspects of the dispute between the HARP-CDP group and the HARP Collaboration, the experiment's two major funding agencies CERN and INFN requested in November 2006 a scientific evaluation by an independent committee of five senior physicists ('RBH' or 'Review Board for HARP' or 'Foà Committee').

The final report of this committee was issued on 1 March 2007 and is available at

<http://cern.ch/harp-cdp/FinalReportOfRBH.pdf>

Subsequently, again at the request of CERN and INFN, the CERN-SPSC compared physics results from the analyses of the HARP-CDP group and the HARP Collaboration,

and quantified the differences noted by the RBH.

The final SPSC report on this quantitative comparison of analyses of the HARP-CDP group and the HARP Collaboration was issued in December 2007 and is available at <http://cern.ch/harp-cdp/FinalReportOfSPSC.pdf> and as document CERN-SPSC-2009-004 (SPSC-M-768)

## **10 Excerpts on HARP from minutes of the CERN-SPSC and the CERN-RB**

The rise and the fall of the HARP Collaboration is perhaps most succinctly mirrored in the minutes of the CERN-SPSC and the CERN-RB meetings.

Excerpts on HARP in the CERN-SPSC and CERN-RB minutes are available at <http://cern.ch/harp-cdp/SPSC-RB-minutes.pdf>