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 - Provide information resources in ALL fields of relevance to CERN
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 - Distribute CERN publications
- Our audience
 - Particle physicists (from CERN and from outside)
 - Engineers, technicians...
 - Computer scientists
 - Administrative staff
 - Students



Some years back...

Article II

Purposes

1. The Organization shall provide for collaboration among European States in nuclear research of a pure scientific and fundamental character, and in research essentially related thereto. The Organization shall have no concern with work for military requirements and the results of its experimental and theoretical work shall be published or otherwise made generally available.

Convention for the Establishment of a
European Organization for Nuclear
Research : Paris, 1st July 1953



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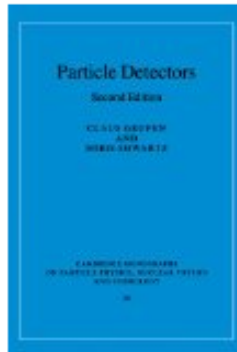
Discussion

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Title **Particle Detectors**



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Edition **2nd ed.**
Author(s) **[Grupen, Claus](#) ; [Shwartz, Boris](#)**
Imprint **Cambridge, Cambridge Univ. Press, 2008. - 651 p.**
Price(s) **125.00CHF**
 from CERN Bookshop

Subject category **Detectors and Experimental Techniques**

Contact **bookshop@cern.ch**

DOI **[10.1017/CBO9780511534966](https://doi.org/10.1017/CBO9780511534966) (no text)**

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Summer students lecture, 06 July
2011

T. Basaglia, A. Gentil-Beccot -
GS-SIS

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Particle Detectors; 2nd ed. - [Gruppen, Claus et al](#)

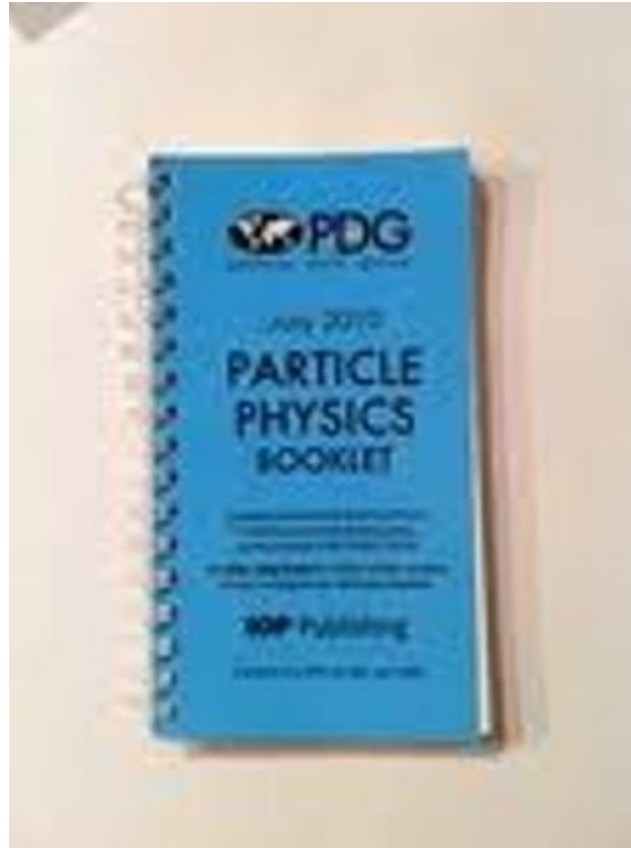
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An example: some statistics books, papers

- G. Cowan, *Statistical Data Analysis*, Clarendon, Oxford, 1998 ✓
- R.J. Barlow, *Statistics, A Guide to the Use of Statistical in the Physical Sciences*, Wiley, 1989 ✓
- L. Lyons, *Statistics for Nuclear and Particle Physics*, CUP, 1986 ✓
- F. James, *Statistical Methods in Experimental Physics*, 2nd ed., World Scientific, 2007; (W. Eadie et al., 1971). ✓
- S. Brandt, *Statistical and Computational Methods in Data Analysis*, Springer, New York, 1998 (with program library on CD) ✓
- K. Nakamura et al. (Particle Data Group), *Review of Particle Physics*, *J. Phys. G* 37, 075021 (2010); **see also pdg.lbl.gov** sections on probability statistics, Monte Carlo ✓



K. Nakamura et al. (Particle Data Group), Review of Particle Physics 2010



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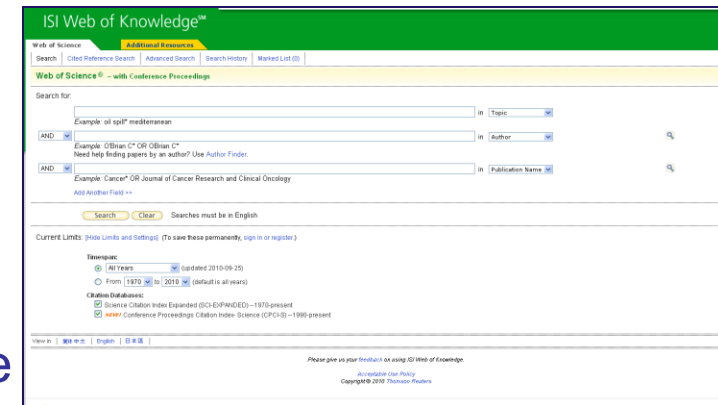
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- INSPEC (Physics, Electronics, Computing)
- Compendex (Engineering)

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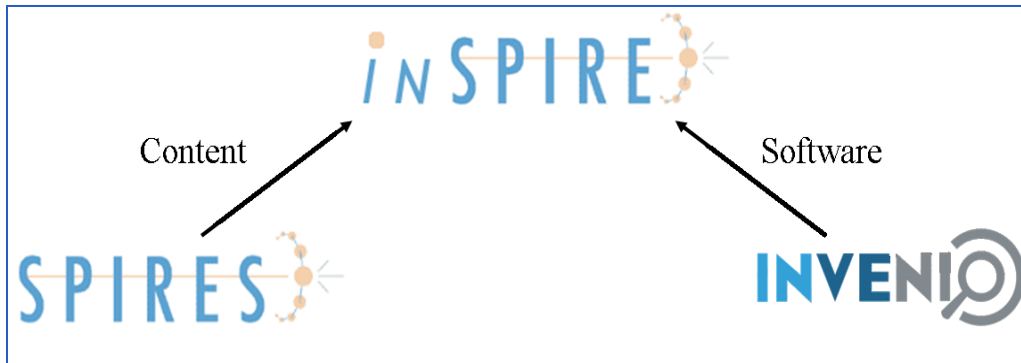
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1995 richer quark multiplicity
Eprint number
arXiv:0902.3702

More complex
(symmetry or asymmetry) author:gell-mann-quark
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find a particle, button and 1 quark and date > 1994
Range searching
author:randall author:sundrum cited:450->1350

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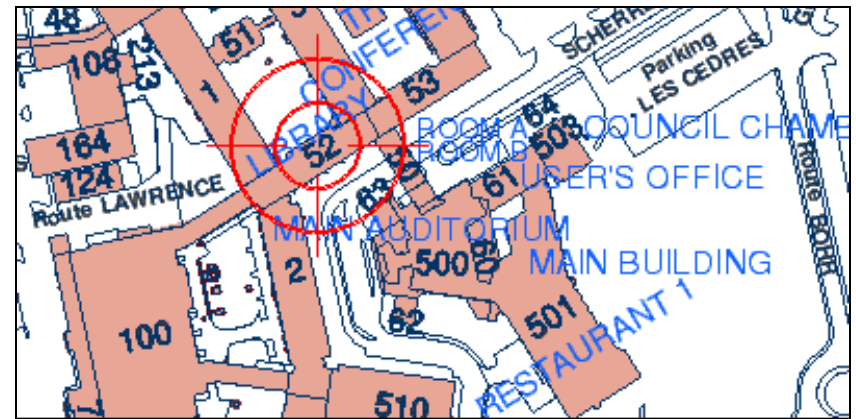
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