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## Publication List

[publications](#) <sup>[1]</sup>

This page contains an overview of the different talks and publications about the ROOT system.

- Paper presented at the AIHENP conference in Lausanne 1996.  
[ROOT - An Object Oriented Data Analysis Framework](#) <sup>[2]</sup>
- Slides of the presentation at CHEP'97 conference in Berlin.  
[ROOT - An Interactive Object Oriented Framework and its application to NA49 data analysis](#) <sup>[3]</sup>
- Paper presented at the CHEP'97 conference in Berlin.  
[ROOT - An Interactive Object Oriented Framework and its application to NA49 data analysis](#) <sup>[4]</sup>
- Paper published in "Interface Magazine" (Japanese Engineering Magazine).  
[The Power of Object Oriented Frameworks](#) <sup>[5]</sup>
- Slides used in various presentations of the ROOT system.  
This is a [compressed tar file](#) <sup>[6]</sup> including a README file and about 40 Postscript files.
- First three parts of a ROOT course.  
[Part1](#) <sup>[7]</sup>, [part2](#) <sup>[8]</sup> and [part3](#) <sup>[9]</sup> (the course is not finished yet and part 3 ends quite abruptly).
- First comparison between ROOT, Objectivity/DB and LHC++ histOOgrams.  
[Paper](#) <sup>[10]</sup> and [full source](#) <sup>[11]</sup> of used test programs.
- Papers presented at HEPVis'98 at SLAC from Jan 28-30, 1998.
  - [ROOT Status Report](#) <sup>[12]</sup>
  - [Attfast++](#) <sup>[13]</sup>, the Atlas Fast Simulation program based on ROOT
  - [gh2root](#) <sup>[14]</sup>, the GEANT3 to ROOT conversion tool
  - [New ROOT GUI Classes](#) <sup>[15]</sup>
- Paper published in the Linux Journal, Issue 51, July 1998.  
[ROOT: An Object-Oriented Data Analysis Framework](#) <sup>[16]</sup>
- Computer Physics Communications; Anniversary Issue; Volume 180, Issue 12, December 2009, Pages 2499-2512.  
[ROOT — A C++ framework for petabyte data storage, statistical analysis and visualization](#) <sup>[17]</sup>

Papers NOT by the ROOT team, but related in spirit.

- The "Bazaar" software development process we try to follow:  
[The Cathedral and the Bazaar](#) <sup>[18]</sup> by Eric S. Raymond.
- [Microkernel vs Monolithic System](#) <sup>[19]</sup>. Famous discussion between Linus Torvalds and Andy Tanenbaum on the merits of these two approaches. ROOT is often seen, like Linux, as a monolithic system. Both are not doing too bad.

In case you want to cite ROOT in your own publications, this is the preferred reference:

Rene Brun and Fons Rademakers,  
*ROOT - An Object Oriented Data Analysis Framework*,  
Proceedings AIHENP'96 Workshop, Lausanne, Sep. 1996, Nucl. Inst. & Meth. in Phys. Res. A 389 (1997) 81-86. See  
also <http://root.cern.ch/>.

In case you want to cite CINT, use the following references:

- C++ Interpreter - CINT, Masaharu Goto, CQ publishing, ISBN4-789-3085-3 (Japanese)
- Concept and application of Cint C++ interpreter, Masaharu Goto, Interface magazine 1996Aug-Nov, CQ publishing, (Japanese)
- Cint - embedding Tcl/Tk graphics, Masaharu Goto, Interface magazine 1997 Feb, CQ publishing, (Japanese)
- BeOS and ROOT, Masaharu Goto, Interface magazine 1997 Sep, CQ publishing, (Japanese)
- Learning C++ with CINT, Masaharu Goto, C magazine 1998Apr-1999Mar, Softbank Co, (Japanese)
- ROOT: An object oriented data analysis framework, Rene Brun & Fons Rademakers Linux Journal 998July Issue 51, Metro Link Inc, (English)

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- [16] <ftp://root.cern.ch/root/lj.ps.gz>
- [17] <http://dx.doi.org/10.1016/j.cpc.2009.08.005>
- [18] <http://www.netaxs.com/%7Eesr/writings/cathedral-bazaar/>
- [19] [http://root.cern.ch/drupal/Linus\\_vs\\_Tanenbaum.html](http://root.cern.ch/drupal/Linus_vs_Tanenbaum.html)