

## List of Gfitter publications (Summer 2006 – Autumn 2011) which have to be revised

Compilation: ZFITTER spokesperson

Status: 16 March 2013

A rather complete list of all the Gfitter publications with availability in the internet is:

<http://zfitter.com/gfitter-publications.html>.

When we quote item numbers, then we refer to this list.

We apply the standards of the Board of Directors of DESY as practiced in 2011/2013 with ZFITTER publications.

### Retraction criteria of the Board of Directors of DESY:

- Non-scientific contents is not allowed
- Attacks on DESY staff and co-authors are not allowed

Whatever this means; we do not argue here.

But one has to add, in case of Gfitter related publications, another reason for revision:

- Plagiarism.

We propose to apply the definition of DESY of the word plagiarism. Roughly speaking: Plagiarism means to present the scientific results of others as if they were the own invention.

### For a comparison: Retracted or censored ZFITTER publications

- **„The ZFITTER homepage at DESY“**  
The homepage was located first at <http://www-zeuthen.desy.de/~riemann/Zfitter/zf.html>, and later at <http://www-zeuthen.desy.de/theory/research/zfitter/>.  
**11 July 2011:** Questioned was the text of <http://zfitter.com/urheberrecht.html>, before the phrase „Februar 2012“.
- **„ZFITTER and LHC physics“**  
T. Riemann, talk at "6th Annual Workshop of the Helmholtz Alliance 'Physics at the Terascale'", chaired by T. Behnke and C. Zeitnitz, 03 to 05 December 2012 at Hamburg, Germany, in Parallel Session II "Electroweak and QCD Physics", Conveners: K. Rabbertz, S. Pozzorini, S. Schumann, G. Heinrich, K. Lohwasser.  
**5 December 2012:** The slides at the conference webpage <https://indico.desy.de/getFile.py/access?contribId=50&sessionId=21&resId=0&materialId=slides&confId=5679> have been 'improved' afterwards by exchanging page 23. In order to avoid a retraction. The original page 23 may be found here: <http://zfitter.com/riemann-tord-allianz-hamburg-12-2012-page23.pdf>
- **„ZFITTER 2012“**  
A. Akhundov, A. Arbuzov, S. Riemann, T. Riemann, PoS(LL2012)036, contribution to the Proceedings of „Loops and Legs in Quantum Field Theory“; for a copy see here: <http://zfitter.com/ll2012-pos-riemann.pdf>  
**19 February 2013:** Publication of the article gets prohibited.
- **„ZFITTER 1985 – 2013“**  
A. Akhundov, A. Arbuzov, S. Riemann, T. Riemann, hep-ph/1303.1395v1; with changed affiliation of one author: <http://arxiv.org/pdf/1302.1395v2>  
**19 February 2013:** Publication of the article gets prohibited.

## We see the following categories of Gfitter publications:

1. Articles in refereed journals
2. Diploma and PhD theses
3. Webpages of Gfitter
4. Contributions to conference proceedings
5. Slides of talks at conferences, with a long-term availability on some webpage
6. Contributions to conference proceedings, with a long-term availability on some webpage
7. Submissions to the arXiv, e.g. in the category hep-ph

### **1. Gfitter articles in refereed journals**

A list of Gfitter articles in refereed journals may be found at the Gfitter webpages:

<http://project-gfitter.web.cern.ch/project-gfitter/publications.html> and <http://gfitter.desy.de/publications.html>.

Recommended retractions:

- **„Revisiting the Global Electroweak Fit of the Standard Model and Beyond with Gfitter“**  
Henning Flacher (CERN), Martin Goebel (DESY & Hamburg U.), Johannes Haller (Hamburg U.), Andreas Hocker (CERN), Klaus Monig (DESY, Zeuthen), Joerg Stelzer (DESY)  
Eur. Phys. J. C 60, 543 (2009), [arXiv:0811.0009v3](https://arxiv.org/abs/0811.0009v3) [v1-v3, 24 Feb 2009]  
Preprints: CERN-OPEN-2008-024, DESY-08-160  
**Item 6** of <http://zfitter.com/gfitter-publications.html>  
Corresponding author: A. Hoecker  
*So-called main paper on Gfitter. Retraction of article recommended because it relies to a large fraction on results by ZFITTER authors by non-authorized hidden copy-paster-adapt.*
- **Erratum to Journal article Eur. Phys. J. C 60, 543 (2009)**  
The Erratum is published in [Eur. Phys. J. C 71 \(2011\) 1718](https://arxiv.org/abs/1107.1718), [arXiv:0811.0009 v4](https://arxiv.org/abs/1107.1718) [20 July 2011]  
**Item 41** of <http://zfitter.com/gfitter-publications.html>  
Corresponding author: A. Hoecker  
*Retraction of the Erratum recommended because it relies on Gfitter/gsm (dated July – September 2011), which was created by non-authorized copy-paste-adapt on ZFITTER software. The version of Gfitter/gsm is illegal and carries a wrong authors list.*

### **2. Gfitter-related Diploma and PhD theses**

Diploma and PhD theses are listed in <http://zfitter.com/gfitter-publications.html>, as items 2 and 45.

- **„A Global Fit of the Electroweak Standard Model“**  
Martin Goebel, diploma thesis at Universität Hamburg, 29.02.2008  
<http://www-atlas.desy.de/theses.html> [Goebel\_dipl.pdf]  
**Item 2** of <http://zfitter.com/gfitter-publications.html>  
*Retraction of diploma thesis recommended because it relies to a large fraction on results by ZFITTER authors by non-authorized hidden copy-paster-adapt.*

### **3. Webpages of Gfitter**

There are two webpages of the Gfitter collaboration.

One of them is hold under the copyright of CERN, <http://project-gfitter.web.cern.ch/project-gfitter/>

The other one is hold under the copyright of DESY's Board of Directors, <http://gfitter.desy.de/>

Both webpages contain/link a huge amount of material which is based on illegal use of scientific material of ZFITTER authors.

This concerns plots which are otherwise not available, but also

Gfitter Talks: [\[list\]](#)

Gfitter Publications: [\[list\]](#)

Recommended revisions:

*Large parts of both webpages should be retracted by the responsible representatives at CERN and at DESY.*

4. Contributions to conference proceedings

to be done yet

5. Slides of talks at conferences, with a long-term availability on some webpage

to be done yet

6. Contributions to conference proceedings, with a long-term availability on some webpage

to be done yet

7. Submissions to the arXiv, in the categories hep-ph and hep-ex

For most publications in the arXiv, it is necessary to add references to ZFITTER, because figures or other results have been produced with Gfitter/gsm, but the involvement of ZFITTER software is not referred to. References to be added:

D. Bardin et al., Comp. Phys. Commun. 133 (2001) 229-395,  
A. Arbuzov et al., Comput. Phys. Commun. 174 (2006) 728-758.

Few cases, where we recommend a retraction, are marked in red.

- <http://arxiv.org/abs/0810.3664>

**ICHEP 2008**

J. Haller and H. Flacher (CERN), M. Goebel (Universität Hamburg/DESY), A. Hoecker (CERN), K. Moenig (DESY), J. Stelzer (DESY)

"Fits of the Electroweak Standard Model and Beyond using Gfitter"

Talk in session on "Higgs Searches & Beyond Standard Model EWSB" at ICHEP 2008, Philadelphia

**Item 4**

Corresponding author: J. Haller

- <http://arxiv.org/abs/0811.0009v3>

**Eur. Phys. J. C 60, 543 (2009)**

Henning Flacher (CERN), Martin Goebel (DESY & Hamburg U.), Johannes Haller (Hamburg U.), Andreas Hocker (CERN), Klaus Monig (DESY, Zeuthen), Joerg Stelzer (DESY)

"Gfitter - Revisiting the Global Electroweak Fit of the Standard Model and Beyond"

**Item 6**

Corresponding author: A. Hoecker

*So-called main paper on Gfitter. Retraction of article recommended because it relies to a large fraction on results by ZFITTER authors by non-authorized hidden copy-paster-adapt.*

- <http://arxiv.org/pdf/arXiv:1002.2891>  
**Lecture notes**  
 Andreas Hoecker  
 "Commissioning and early physics analysis with the ATLAS and CMS experiments"  
 Lecture notes from the 5th Latin American School of High-Energy Physics, Recinto Quirama, Antioquia Region, Colombia, March 15–28, 2009  
**Item 12**  
 Corresponding author: A. Hoecker
- <http://arxiv.org/pdf/arXiv:0905.2488>  
**Moriond EW 2009**  
 M. Goebel  
 "Global Fits of the electroweak Standard Model and beyond with Gfitter"  
 Talk held at 44th Rencontres De Moriond EW 2009: "Electroweak Interactions And Unified Theories", 7-14 Mar 2009, La Thuile, Italy  
 To a large part, this write-up is a duplication of J. Haller et al., <http://arxiv.org/abs/0810.3664> (item 4).  
**item 13**  
 Corresponding author: M. Goebel
- <http://arxiv.org/abs/0909.0961>  
**EPS 2009**  
 A. Hoecker and M. Baak (CERN), M. Goebel (DESY and U. Hamburg), H. Flächer (CERN), J. Haller (U. Hamburg), D. Ludwig (DESY and U. Hamburg), K. Mönig (DESY), M. Schott (CERN) and J. Stelzer (DESY)  
 "Review of electroweak fits of the SM and beyond with Gfitter"  
 Talk at Europhysics Conference On High Energy Physics (EPS 2009), 16-22 Jul 2009, Cracow, Poland  
**Item 14**  
 Corresponding author: A. Hoecker
- <http://arxiv.org/abs/arXiv:0909.3240>  
**Eur. Phys. J. C66 (2010) 525**  
 A. De Roeck, J. Ellis, C. Grojean, S. Heinemeyer, K. Jakobs, G. Weiglein, G. Azuelos, S. Dawson, B. Gripaios, T. Han, ..., K. Moenig et al. (60 authors)  
 „From the LHC to Future Collider“  
**Item 19** – here a quotation of ZFITTER should be added  
 Corresponding author: Christophe Grojean <christophe.grojean@cern.ch>
- <http://arxiv.org/abs/0906.0954>  
**Phys. Lett. B679 (2009) 369**  
 J. Ellis, J.R. Espinosa, G.F. Giudice, A. Hoecker, A. Riotto  
 "The Probable Fate of the Standard Model"  
**Item 16** – here a quotation of ZFITTER should be added  
 Corresponding author: Jose Ramon Espinosa <jose.espinosa@cern.ch>
- <http://arxiv.org/abs/1006.0003>  
**Moriond QCD 2010**  
 J. Haller  
 „The electroweak fit and constraints on new physics“  
 Talk given at the 45th Rencontres de Moriond, La Thuile, Italy, March 2010  
**item 23**  
 Corresponding author: J. Haller

- <http://arxiv.org/abs/1012.1331>  
**ICHEP 2010**  
M. Goebel, co-authors: M. Baak (CERN), J. Haller (U. Hamburg), D. Ludwig (DESY, U. Hamburg), K. Moenig (DESY)  
"Status of the global fit to electroweak precision data and constraints on the Higgs boson"  
Talk at 35th International Conference On High Energy Physics: [ICHEP 2010](#) 21-28 Jul 2010, Paris, France.  
**Item 24**  
Corresponding author: M. Goebel
- <http://arxiv.org/abs/1010.5678>  
**ICHEP 2010**  
D. Ludwig, co-authors: M. Baak (CERN), M. Goebel (DESY, U. Hamburg), J. Haller (U. Hamburg), A. Hoecker (CERN), K. Moenig (DESY)  
"The Global Electroweak Fit and Constraints on New Physics"  
Talk at 35th International Conference On High Energy Physics: ICHEP 2010 21-28 Jul 2010, Paris, France  
**item 25**  
Corresponding author: Doerthe Ludwig <dorthe.ludwig@cern.ch>
- <http://arxiv.org/abs/1010.4180>  
**Eur. Phys. J. C71 (2011) 1515**  
Michel Davier, Andreas Hoecker, Bogdan Malaescu, Zhiqing Zhang  
"Reevaluation of the Hadronic Contributions to the Muon  $g-2$  and to  $\alpha(M_Z)$ "  
**Item 31** – here a quotation of ZFITTER should be added  
Corresponding author: Andreas Hocker <Andreas.Hoecker@cern.ch>
- <http://arxiv.org/pdf/1107.0975v1>  
**Submitted to EPJC. Did not appear in EPJC.**  
M. Baak, M. Goebel, J. Haller, A. Hoecker, D. Ludwig, K. Moenig, M. Schott, J. Stelzer  
"Updated Status of the Global Electroweak Fit and Constraints on New Physics"  
The submission to the arXiv is not published in a refereed journal. It has nothing to do with the article in Eur. Phys. J. C72 (2012) 2003.  
**Item 40**  
Corresponding author: Andreas Hoecker  
*Retraction of the publication recommended because it relies on Gfitter/gsm (dated July – September 2011), which was created by non-authorized copy-paste-adapt of ZFITTER software. The version of Gfitter/gsm is illegal and carries a wrong authors list.*
- <http://arxiv.org/abs/0811.0009v4>  
**Eur. Phys. J. C 71 (2011) 1718**, an Erratum to Eur. Phys. J. C 60 (2009) 543  
"Gfitter - Revisiting the Global Electroweak Fit of the Standard Model and Beyond"  
Henning Flacher (CERN), Martin Goebel (DESY & Hamburg U.), Johannes Haller (Hamburg U.), Andreas Hocker (CERN), Klaus Monig (DESY, Zeuthen), Joerg Stelzer (DESY)  
**Item 41**  
Corresponding author: Andreas Hocker  
*Retraction of the Erratum recommended because it relies on Gfitter/gsm (dated July – September 2011), which was created by non-authorized copy-paste-adapt on ZFITTER software. The version of Gfitter/gsm is illegal and carries a wrong authors list.*