




Making LHCHWG more attractive for (young) theorists (?)

The situation:

- (sub-)WG convenership means a lot of work
- theorists' wage is citations to research papers
- number of deliverable from LHCHWG is moderate





CERN Yellow Reports

- [Instruction for CERN Yellow Report \(obsolete\)](#)
- [BibTeX and LaTeX citation format for CERN-2011-002 \(arXiv:1101.0593\), CERN-2012-002 \(arXiv:1201.3084\), CERN-2013-004 \(arXiv:1307.1347\) and CERN-2017-002 \(arXiv:1610.07922\)](#).

CERN Yellow Report	SVN 	CDS 	arXiv 
Handbook of LHC Higgs Cross Sections: 1. Inclusive Observables	SVN directory	CERN-2011-002	arXiv:1101.0593
Handbook of LHC Higgs Cross Sections: 2. Differential Distributions	SVN directory	CERN-2012-002	arXiv:1201.3084
Handbook of LHC Higgs Cross Sections: 3. Higgs Properties	SVN directory	CERN-2013-004	arXiv:1307.1347
Handbook of LHC Higgs Cross Sections: 4. Deciphering the Nature of the Higgs Sector	SVN directory	CERN-2017-002	arXiv:1610.07922

Public Notes, Official Report (Interim Recommendation/Report/Proceedings, etc.)

- See also here: [CDS list for all official notes since 2015](#)
- **Please check** [Instruction for front page style](#) for Public Notes and Official Reports.

LHCHXSWG Report Number	Git  / SVN 	CDS 	arXiv 	Title
LHCHXSWG-2019-006		CDS	arXiv:2009.01249	BSM Benchmarks for Effective Field Theories in Higgs and Electroweak Physics
LHCHXSWG-2019-005		CDS	arXiv:1910.00012	Higgs boson potential at colliders: status and perspectives
LHCHXSWG-2019-004		CDS		Constraining EFT parameters using simplified template cross sections
LHCHXSWG-2019-003	Git	CDS	arXiv:1906.02754	Simplified Template Cross Sections – Stage 1.1
LHCHXSWG-		CDS	arXiv:2005.07762	Recommended predictions for the boosted-Higgs cross section (CDS upload complete --

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Ideas:

- citations from experimental papers
- acknowledgments
- recommendation letters from TAC/SC/WG conveners
- official involvement in experiments
- public notes

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Papers from WG activities:

- aim for journal publications
- alternatively: SciPost, CERN Monograph
- acknowledge LHCHWG in published papers
- resolve possible conflicts with ATLAS/CMS publication policies