



<http://clcdp.cern.ch>

Report from the CLICdp Publication Committee

Simon Spannagel, CERN
for the CLICdp PubCom

CLIC Detector & Physics Collaboration Meeting
CERN, 27 – 28 August 2019



The Publication Committee

- Members as of September 1, 2018:

- Aharon Levy (Tel Aviv)
- Ulrike Schnoor (CERN)
- Simon Spannagel (CERN)
- Nigel Watson (chair, Birmingham)

The Publication Committee (PC) is responsible for implementing policy with regards to all types of publication from the CLIC detector and physics study.

MoC, Annex 4

- Website:

<http://clikdp.web.cern.ch/content/publication-committee>

- Twiki page:

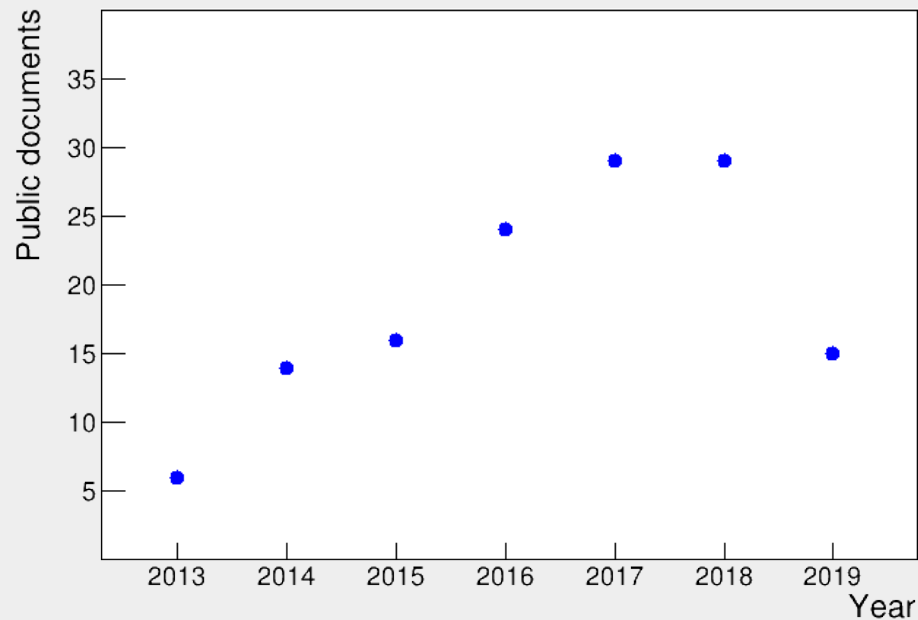
<https://twiki.cern.ch/twiki/bin/view/CLIC/CLICdpPublicationCommittee>

- Contact:

clikdp-pubcom@cern.ch

Publication Statistics

- Documents published in 2019:
 - 3 journal publications
 - 1 CLICdp note
 - 8 conference proceedings
- Some 2018 “placeholders” filled
 - 2 CLICdp notes, 2 journal publications
- More to come – in preparation/review:
 - 2 notes with CDS placeholders (number reserved)
 - 1 note in review
 - 2 journal publications in review



Publications in 2019 (so far)

- **Journal publications**

- Time Resolution Studies with Timepix3 Assemblies with Thin Silicon Pixel Sensors, F. Pitters et. al.
- ARRAY: An Open Source, Modular and Probe-Card based System with Integrated Switching Matrix for Characterisation of Large Area Silicon Pad Sensors, F. Pitters et. al.
- Conformal Tracking for all-silicon trackers at future electron–positron colliders, E. Brondolin et. al.
- Re-submission of Top Quark paper (CLICdp 2018) after implementing review comments

- **CLICdp Notes**

- Radiation Levels and Saturation Effects in the Electromagnetic Calorimeter of Future Linear Colliders, A. Sailer

Publications in 2019 (so far, ctd.)

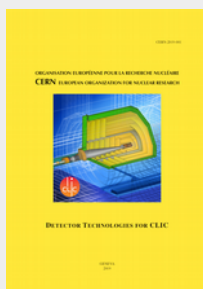
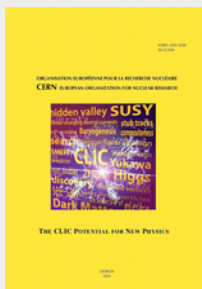
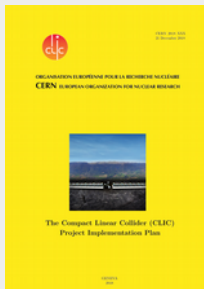
- **Conference proceedings**

- Status of silicon detector R&D at CLIC, M. Munker
- TimePix3 performance in power pulsing operation, E. Perez Codina
- Pixel detector R&D for the Compact Linear Collider, M. Benoit
- News on the CLIC physics potential, R. Ström
- New developments in conformal tracking for the CLIC detector, E. Brondolin
- Resistive Wall Effects in the CLIC Beam Delivery System, D. Arominsk et. al.
- Synchrotron Radiation Reflections in the CLIC Beam Delivery System, D. Arominski et. al.
- News on the CLIC physics potential, A.F. Žarnecki

Yellow Reports & Summary Documents

- Comprehensive yellow reports, end 2018 / beginning 2019
- “CERN Monographs - Yellow Reports” do not appear as CLICdp documents
- Summary of these reports submitted to European Strategy Update (published as 2018 CLICdp notes)

- 2012 CLIC Conceptional Design Report
- [A Multi-TeV Linear Collider Based on CLIC Technology](#)
 - [Towards a staged e+e- linear collider exploring the terascale](#)
 - [Physics and Detectors at CLIC](#)
- 2016 [Updated Baseline for a staged Compact Linear Collider](#)



- 2018 Documents for the European Strategy Update
- [CLIC 2018 Summary Report](#)
 - [CLIC Project Implementation Plan](#)
 - [The CLIC Potential for New Physics](#)
 - [Detector technologies for CLIC](#)

Placeholders on CDS

- Received multiple requests for “placeholder” notes and publications on CDS
 - PubCom supports this to help disseminate CLICdp results
- Preferred procedure: If you need one, please
 - Create a (front-page only) document for the placeholder which can be placed on CDS
 - If possible, include a link to slides or similar on the topic
 - We will create the appropriate CDS entry
 - Cite the document as “to be published” or “manuscript in preparation”
- Please only request this for documents which will appear soon

General Publication Procedure

- Procedures described here:
<http://clikdp.web.cern.ch/content/hints-and-tips>
- Normal Collaboration review takes (Annex 4 of MoC):
 - 2 weeks for journal paper
 - 2 weeks for public notes
 - 1 week for conference proceedings
- Drafts under review are listed on PubCom Twiki page:

CLICdp-Draft	Category	PubCom contacts	Submitting author(s)	Title	Comment deadline	Draft in CDS
	NOTE	t.b.d.	Jean-Jacques Blaising et al	In situ detector calibration at CLIC	waiting	
2019-014	PUB	Simon Spannagel	Haluk Denizli	CP-violating Higgs-gauge boson couplings in Hvv production at three energy stages of CLIC	22 Aug 2019	https://cds.cern.ch/record/2685098
	NOTE	Nigel Watson	Dominik Arominski	Beam-induced backgrounds in CLICdet	waiting	
2019-012	NOTE	Nigel Watson	Ulrike Schnoor	A Delphes card for the CLIC detector	30 Jul 2019	https://cds.cern.ch/record/2682926
	PUB		Andreas Nürnberg	Performance evaluation of fine-pitch planar hybrid pixel detectors with CLICpix ASICs		
2019-015	PUB	Nigel Watson	Simon Spannagel	Combining TCAD and Monte Carlo Methods to Simulate High-Resistivity CMOS Pixel Detectors (...)	23 Aug 2019	https://cds.cern.ch/record/2686192

Some Reminders

- In order to make the publication process as smooth as possible,
 - Please allow for some additional days for the PubCom work when sending in drafts for review
 - Please only submit journal publication drafts after you have discussed them with your working group (and conveners)
 - Make sure to inform all your co-authors about your submission / include them in the PubCom submission mail
- Please try to submit proceedings for conferences, even if brief
- Contact the PubCom if in doubt
(LaTeX templates, publication procedures, copyright questions)

Resources



Compact Linear Collider Portal

<http://clic.cern/>



CLIC input to the European Strategy for Particle Physics Update 2018-2020

<http://clic.cern/european-strategy>



CLICdp Publications on CERN Document Server

[https://cds.cern.ch/collection/CLIC Detector and Physics Study](https://cds.cern.ch/collection/CLIC%20Detector%20and%20Physics%20Study)

CLICdp Publication Committee Information

<http://clicdp.web.cern.ch/content/publication-committee>



