



Report from the Speakers' Bureau

Roman Pöschl



CALICE Collaboration Meeting CERN – September/October 2019

Members:

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Vincent Boudry (LLR) Vincent.Boudry@IN2P3NOSPAM.FR
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Roman Pöschl (LAL) poeschl@lalNOSPAM.in2p3.fr (chairperson)

Work includes:

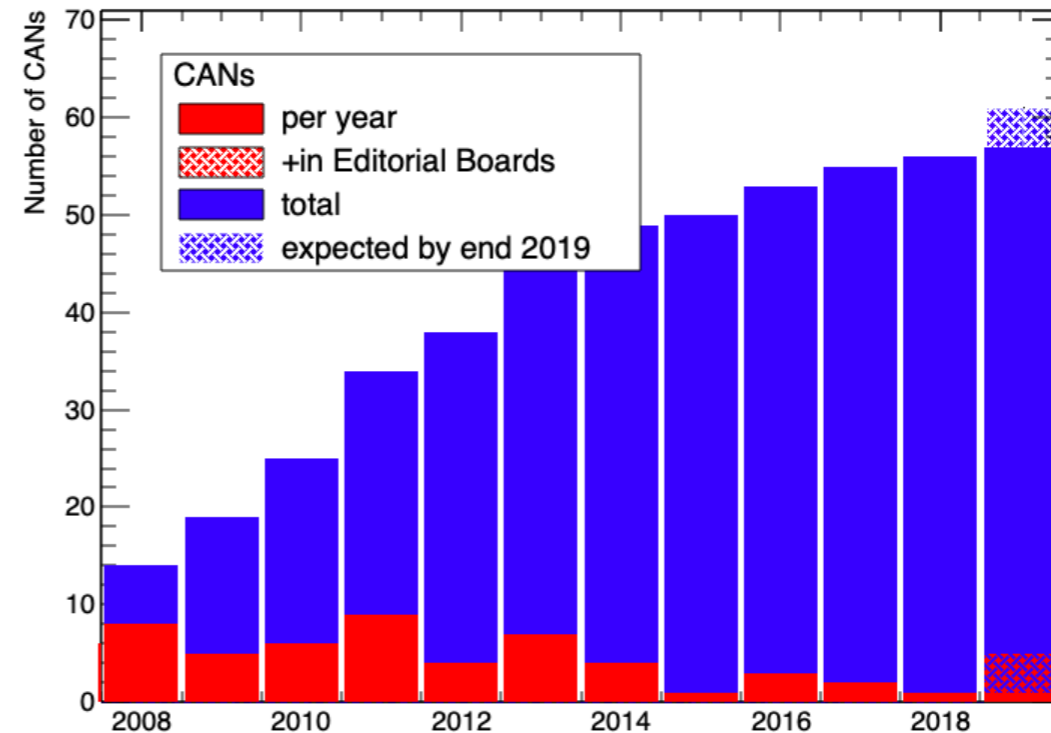
- Management of CALICE publications (CAN and Papers)
 - Setting up Editorial Boards and indico pages
 - Follow up the review process
- Preparation of Conferences
 - Call for contributions
 - Organising speakers and rehearsals (or distribution of slides prior to conferences)
- Aftermath, i.e. availability of material including
- Report at CALICE Meeting and maybe at reviews

Meetings:

- SpB Meeting on 6/1919
- Next one end of May beginning of June 2019

57 Analysis Notes available

- 0 CAN released since Utrecht Meeting
- 2 CAN in Editorial Board
- 1 CAN under collaboration review
 - Publication imminent
- 1 CAN in preparation
 - Talk by Erik Buhmann at this meeting

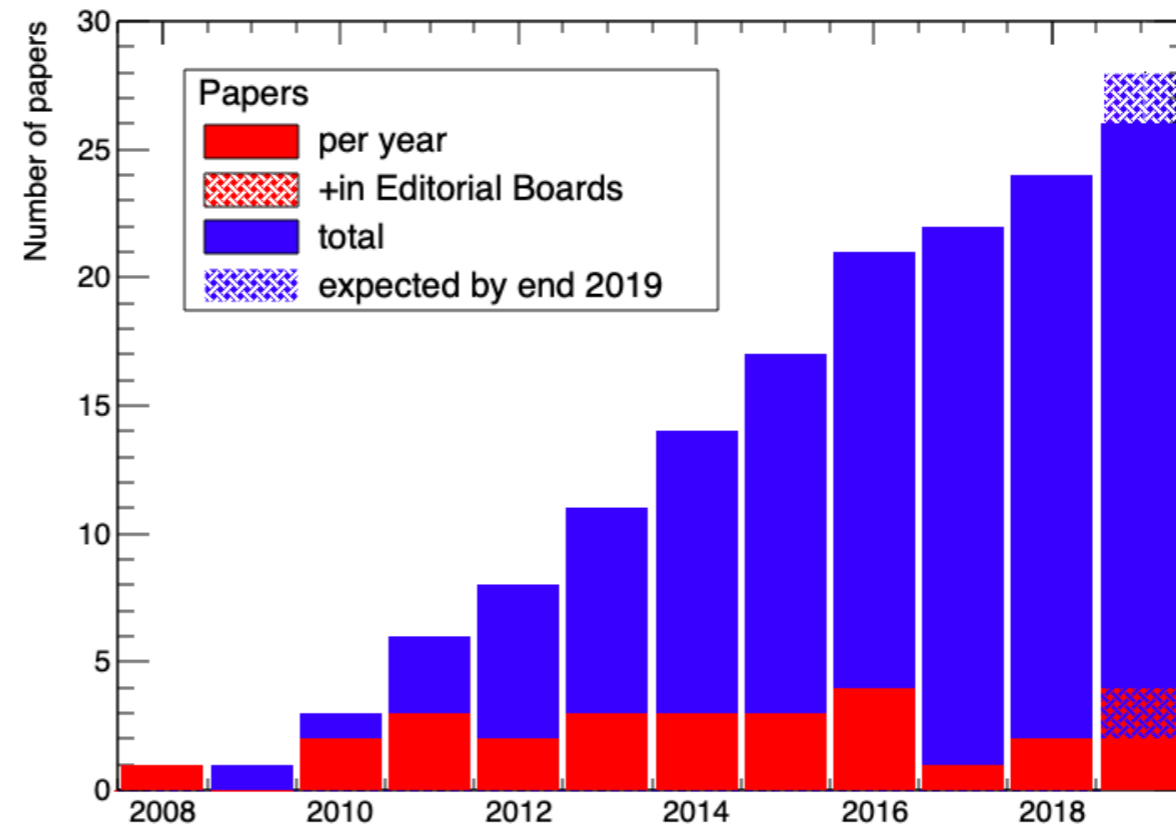


Status can be found at <https://twiki.cern.ch/twiki/bin/view/CALICE/EditorialBoard>

- **Released in 2019**
 - CALICE-CAN-2019-001:
Hadron selection using Boosted Decision Trees in the semi-digital hadronic calorimeter
B. Liu, I. Laktineh, H. Yang, EB: M.C. Fouz, F. Simon, J. Cvach
- **In Editorial Boards**
 - CAN-060 (-> Collaboration review, Deadline today)
 - Author: C. Graf, EB: M. Fouz, T. Suehara, H.C. Schultz-Coulon
 - **Latest results at this meeting by C. Graf**
 - CAN-061
 - Author: E. Brianne, EB: G. Grenier, R.P., M. Wing
 - Latest draft over summer
 - CAN-063
 - Authors: A. Provenza, K. Krüger, EB: F. Corriveau, A. Irlles, L. Masetti
 - CAN-064:
 - Authors: E. Buhmann, E. Garutti, G. Kasiecka EB: F. Simon, I. Laktineh, N. van der Kolk
 - **t0 talk by Erik at this meeting**
- **Under preparation**
 - SiW Ecal and DHCAL combined analysis (Francois Corriveau)

26 Papers published

- 0 Papers published since Utrecht Meeting
- 3 in Editorial Board



Status can be found at <https://twiki.cern.ch/twiki/bin/view/CALICE/EditorialBoard>

- Released in 2019

- CALICE-PUB-2019-001, arxiv: 1901.08818**

Analysis of Testbeam Data of the Highly Granular RPC-Steel CALICE Digital Hadron Calorimeter and Validation of Geant4 Monte Carlo Models

Author: C. Neubüser, EB: B. Bilki, T. Takeshita, C. Zeitnitz

Published in Nucl. Instrum. and Meth. A 939 (2019) 89 - 105

- CALICE-PUB-2019-002, arxiv: 1902.06161**

Characterisation of different stages of hadronic showers using the CALICE Si-W ECAL physics prototype

Authors: S. Bilokin, R.P., EB: G. Eigen, L. Masetti, N. Watson

Published in Nucl. Instrum. and Meth. A937 (2019) 41-52

- In Editorial Board

- Paper025: Hadronic shower separation in SDHCAL (I. Laktineh, R. Été)

- EB: V. Balagura, M. Chadeeva, D. Jeans

- Paper030: Software Compensation using Si-W ECAL and AHCAL (C. Winter, F. Simon)

- EB: E. Sicking, R.P., A. White, SpB-Chair delegate: I. Laktineh

- Update at this meeting by C. Winter**

- Paper031: Particle identification in SDHCAL (B. Li, I. Laktineh, H. Yang)

- EB: M.C. Fouz, F. Simon, J. Cvach

- T0-talk by B. Liu at this meeting**

- Si-W Ecal technol. prototype paper

- Extended with light weight shower analysis but w/o physics interpretation

- See Adrian's talk

- Acceptation by journal imminent

Published papers broken down by projects

- Si-W ECAL: 6
- Sc ECAL: 2
- AHCAL: 7 (Fe) + 2 (W)
- SDHCAL: 3 + 1 (no CALICE)
- DHCAL: 2 + 8 (no CALICE)
- TCMT: 1
- T3B: 1 + 1 (no CALICE)
- 2 general paper (based on Si-W ECAL + Fe-AHCAL data and Scint-ECAL + Fe-AHCAL data)

CALICE Conference talks can be found here

<https://twiki.cern.ch/twiki/bin/view/CALICE/CaliceConferenceTalks>

Conferences since Utrecht

- EPS-HEP at Ghent (1 talk + 1 poster)
 - Deadline proceedings 15/10/19
- CEPC Workshop (1 talk)
- LP19 (Two posters)
 - Extended deadline for proceedings 30/9/19
 - Proceedings on one poster submitted
- TWEPP2019 (1 poster?)

Please write proceedings if asked for

List of upcoming conferences is available here

<https://twiki.cern.ch/twiki/bin/view/CALICE/UpcomingConferences>

This list is maintained by the SpB Chair (Please direct me to missing events)

- [IEEE2019, Manchester, UK, 29 October – 2 November 2019](#)
 - Handled by V. Boudry for SpB
 - 1 Poster, is there more?
- [LCWS2019, Sendai, Japan 28 Oct. -1 Nov 2019](#)
 - Handled by W. Ootani for SpB, call out, **abstract submission deadline 5/10/19**
- [CHEF2019, Fukuoka, Japan, 25/11/19 – 29/11/19](#)
 - Handled by J. Blazey for SpB, call out, **(extended) abstract submission deadline 30/9/19**
- [BTTB2019, Tblissi, Georgia, 27-30 Jaunuary 2020](#)
 - to be organised in SpB, **abstract submission deadline 15/11/19**
- [CALOR 2020, Sussex, UK, 18-22 May](#)
 - to be organised in SpB, **abstract submission deadline 27/3/20**
- [TIPP2020, Vancouver, Canada, 24-29 May 2019 \(latest news\)](#)
 - To be organised in SpB

- (Not only) to my taste we have too many posters and too few talks
 - Worked good for VCI and EPS (always one [plenary, VCI] talk)
 - Only posters at LP19 (evasive answer by organisers) and IEEE19 (need to inquire why)
 - Posters clearly doesn't have the same visibility and impact as talks
 - Raises difficulties to find presenters
 - LP19 was most problematic, thanks to Kiyotomo to present two posters for CALICE prepared by somebody else
 - Should remain a one time emergency solution
- What to do to increase the fraction of talks?
 - Have to underline that CALICE “doesn't sail in the wind of HGCal” or other LHC detector projects
 - Early proactive contacting of organisers and advisory boards
 - CALICE members need to be part of corresponding conference panels
 - TIP2020 is one clear target for 2020 to improve things
 - This is of course also true for all other upcoming conferences

- **Latest Actions**

- CERN e-groups for communication on publication drafts
- Update CALICE Wiki pages with new numbering schemes and links to CDS Records
- Revision of CALICE Publication page
 - See <https://twiki.cern.ch/twiki/bin/view/CALICE/CALICEPublicationsTest>

[TWiki](#) > [CALICE Web](#) > [SpeakersBureau](#) > [CALICEPublicationsTest \(2019-09-26, RomanPoeschl\)](#)

[Edit](#) [Attach](#) [PDF](#)

This page presents public CALICE results. There are two types of publications.

- **Papers** are publications published in (or submitted to) peer-reviewed journals. Those publications with a tag CALICE-PUB-YYYY-NNN went through a review process by the CALICE Collaboration. Papers without this tag are publications, mainly technical papers, by the corresponding projects that didn't went through a formal approval process by CALICE.
- **Analysis Notes** have been approved for public presentation as "CALICE Preliminary". They represent the current best knowledge of CALICE on a given topic.

"Associated CALICE Analysis Notes" that can be found in the menus below the reviewed papers contain preliminary results obtained in analyses towards a given paper that have been superseded by the paper. Results in there (i.e. in the "Associated CALICE Analysis Notes") must only be used and cited in coordination with the Speakers Bureau Chair and the corresponding author or the corresponding project leader. A complete list of all analysis notes can be found [here](#) for reference.

To get to the results of the corresponding project you can scroll down or use one of the links below.

[General CALICE Results](#)
[SiW ECAL Results](#)
[Sc ECAL Results](#)
[MAPS ECAL Results](#)
[AHCAL Results](#)
[W-AHCAL/DHCAL Results](#)
[TCMT Results](#)
[SDHCAL Results](#)
[DHCAL Results](#)
[T3B Results](#)

General CALICE results

General CALICE papers

- [CALICE-PUB-2011-002](#): Tests of a particle flow algorithm with CALICE test beam data, C. Adloff et al., [JINST 6 \(2011\) P07005](#), e-print: [arXiv:1105.3417 \(physics.ins-det\)](#).
 - Associated CALICE Analysis Notes :
- [CALICE-PUB-2018-001](#): Hadronic Energy Resolution of a Combined High Granularity Scintillator Calorimeter System, [JINST 13 \(2018\) P12022](#), e-print: [arXiv:1809.03909 \(physics.ins-det\)](#).
 - [paper calice_src.tar.gz](#): gzipped tar file including source and figures for CALICE-PUB-2018-001
 - Associated CALICE Analysis Notes :

General CALICE analysis notes

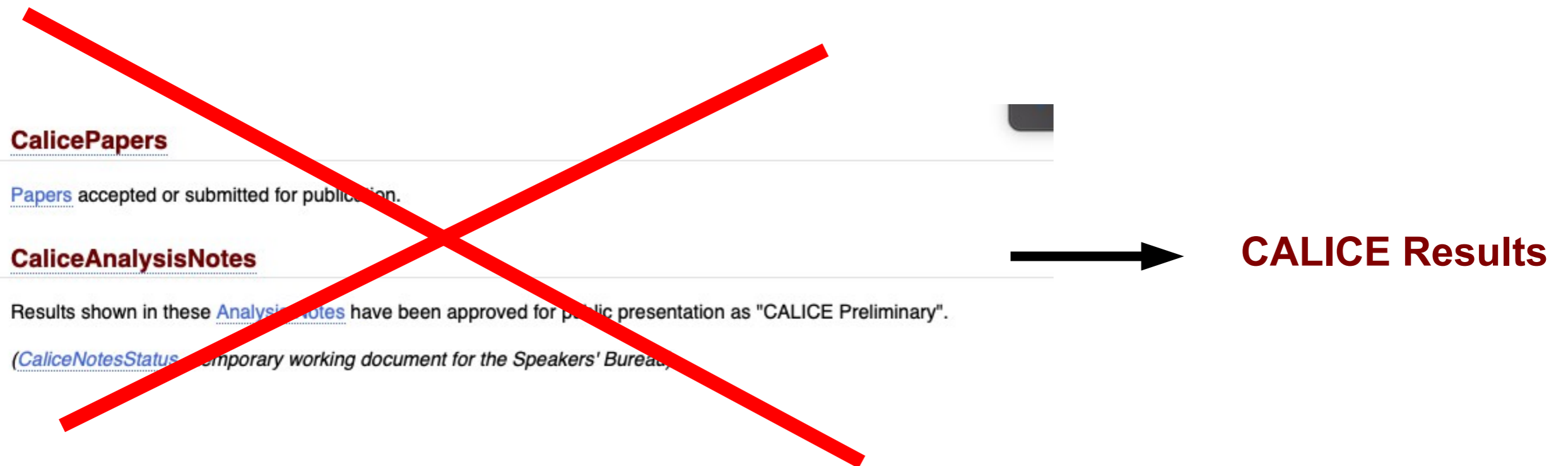
- [CALICE-CAN-2017-002](#) (was CAN-058): Energy Reconstruction of Hadrons in a Highly Granular Si-W ECAL and Plastic Scintillator HCAL Calorimeter System
 - [CAN-058.tar.gz](#): tar file including source and figures for CALICE-CAN-2017-002
 - Results obsolete, not to be used anymore

SiW ECAL results

SiW ECAL papers

- See also demonstration

- Please check new page and give feedback during this meeting
- Plan: On October 3 , i.e. right after this meeting



- There will be only one page that reflects our best knowledge
 - ... either in form of papers or in form of CALICE-CAN
- The CaliceAnalysisNotes Page will be available through the **CALICE Results Page** but it is discouraged reference results from this page

- Still in the course to check the applicability of CDS during the drafting phase
- Close communication with CERN CDS Team Ludmila Marian, Flavio Costa (until Feb. 2019) and Nicola Tarocco (since March 2019)
- Test server for CALICE
- Tried to manage drafts of our paper with Sviatoslav
- First try/result not really convincing
 - possible to restrict access to document (important for drafts) e.g. via CERN e-groups
 - **no clear versioning possible**
- Upon question Nicola answered that this would be difficult to realise with current CDS software
- Will see with current draft of Paper030 whether CDS can be tweaked to get to satisfactory results
 - There are a few options that I haven't tested before
 - Frank ready to serve as Guinea Pigs
- **Until further notice indico will be used during drafting phase of papers and CANs**
 - Have checked with LHC Experiments and to my surprise they also don't have something handy
- **Thanks to the CERN CDS Team for their support**
 - Will remain in contact with them, maybe I have overlooked something and maybe we have triggered a useful extension of CDS
 - Will explore this in collaboration with the new Speakers Bureau Chair

- Current view of CALICE Homepage

Welcome to CALICE

Developing highly granular calorimetry optimised for particle flow event reconstruction for future energy-frontier electron-positron colliders, focusing on the linear colliders ILC and CLIC.

Members of the [CALICE Collaboration](#) are encouraged to update these pages.

Next **CALICE Collaboration meeting**: [30 Sept. - 2 Oct. 2019 at CERN](#)

In November 2018, CALICE has been reviewed by the [ECFA Detector R&D Panel](#). The report by the review panel is available [here](#).



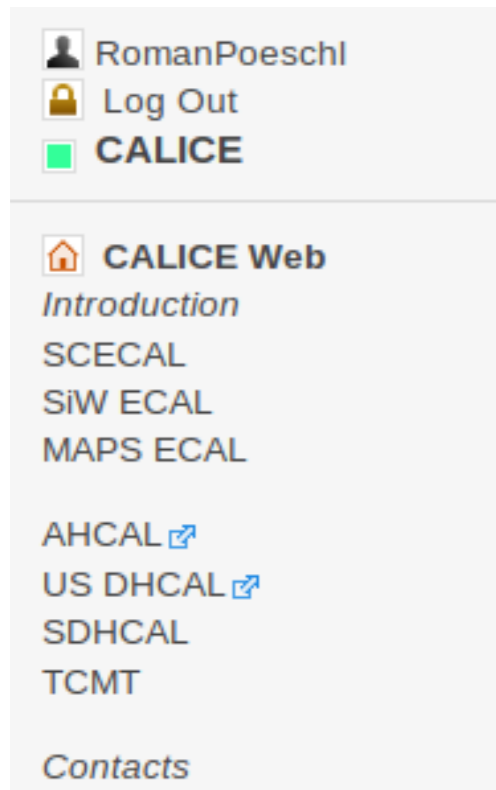
Main Topics

Test Beams	The Data Taking, From 2007 Onwards
Software	CALICE-specific and ILC
Papers	Published and Preliminary Results, guidelines and procedures (see also talks and theses); forthcoming conferences .
Detectors	Detector Subsystems
MC Production	Collaboration-wide Simulations
Data	Data Analysis (see also good runs) Includes analysis tips and examples of useful Marlin processors
DAQ	DAQ System for the Technical Prototype
Meetings	Indico



- Need revision (from my point of view)
- Mixture of information rather meant for CALICE and rather meant for outside
- Who do we want to address with the website?
- Personal opinion
 - Homepage should rather address outside world
 - CALICE related issues should be available
 - from left-side bar
- I have some ideas how to modify webpage
 - Opening on top is basically fine
 - Would then put pictures of prototypes
 - Would then present highlights of latest results
- To be discussed within CALICE Management and Speakers Bureau

- General information is available in left bar
 - Intro to CALICE and subdetectors



- Status of information (survey by R.P.)
 - Introduction: basically ok but needs update
 - **Steering Board -> Institutes Board!!!**
 - ScECAL: No information at all
 - SiW ECAL: Lots of information but outdated
 - MAPS ECAL: Information outdated
 - AHCAL: ok
 - US DHCAL: ok
 - SDHCAL: not too bad but partially outdated
 - entries from 2008
 - TCMT: No information at all
- I would like to ask the groups to maintain “their” space
 - *Introduction* is job of management
- Webpage is maybe a detail but if we agree that we have to care about visibility this is for sure an element to care about

- CERN e-groups for communication within CALICE
 - <https://e-groups.cern.ch/e-groups/EgroupsSearchForm.do>
 - Search for CALICE
- CERN e-groups used for Speakers Bureau, Technical Board and Institutes Boards
- CERN e-groups used for communication on publication drafts
- Switch for entire collaboration should be (finally) finished now
 - CERN e-group *calice-general*
 - Currently only 28 members subscribed
 - Instructions to group leaders soon

- **Publications appear at regular speed**
 - 2 papers accepted by Journal since Utrecht
 - Release of 1 CALICE-CAN imminent
- **Satisfactory representation at conferences**
 - However, ... see above and below
- **Reminder (new) numbering scheme**
 - Please refer to CAN as CALICE-CAN-YYYY-NNN and to papers as CALICE-PUB-YYYY-NNN
- **CDS (still) doesn't look suited for drafting phase at the moment**
 - Should inquire further (including alternatives) to prepare decision for Spring 2020 meeting
 - To my surprise also the LHC Experiments don't have a handy procedure for drafts
- **(Proposal of) New publication page**
 - CALICEPapers, CALICEAnalysisNotes -> CALICE Results
 - Reflects best knowledge of CALICE represented by papers and CALICE-CAN
 - Will become the main source of information on results
 - Would like switch to new page after this meeting
 - If you find shortcomings/missing papers please tell me immediately
- **Need to watch for visibility/recognition of CALICE**
 - “Too many posters”
 - Issue recognised, need to work on remedies
- **Webpage(s) need(s) revision**
 - It's our vitrine!!!