

TDAQ Speakers Committee Status Update

J Taylor Childers (Uni. Heidelberg)

Sarah Demers (Yale Uni.)

Ricardo Goncalo (Uni. of London)

Kostas Kordas (Univ. of Thessaloniki)

Reminder of TDSC Mandate

- Aggregate and Announce up-coming conferences with particular interest in TDAQ related topics
- Facilitate and Instigate submissions to these conferences for TDAQ and its members
- Liaise with conference organizers
- Liaise with ATLAS Speakers Committee
- Ensure all submissions follow the accepted ATLAS approval process on a reasonable timescale

Conference List ([TWiki](#))

Conference Details

2011 may be assumed unless otherwise stated. In the Conference Name: [A] = link to table of TDAQ abstracts for this conference. In the case of [A:] the number represents the number of abstracts submitted to this conference.

| Conference Information | | | TDAQ Deadlines | | Conference Deadlines | | Contact |
|-----------------------------------|-------------------|--------------------------|-----------------|--------------|----------------------|-------------|---------------------------------|
| Name | Dates | Location | Abstract | Proceedings | Abstract | Proceedings | Person |
| Bormio2011 [A:1] | 23 - 29 January | Bormio, Italy | 15 October 2010 | | 15 October 2010 | | Ricardo Goncalo |
| ANIMMA2011 [A:1] | 6 - 9 June | Ghent, Belgium | 10 January | 1 May | 15 March | 20 May | Taylor Childers |
| TIPP2011 [A:6] | 9 - 14 June | Chicago, USA | 1 April | | 15 April (extended) | | Ricardo Goncalo |
| ACES2011 [A:6] | 9 - 11 March | CERN | 14 February | none | 28 February | none | Taylor Childers |
| ICALEPCS [A:2] | 10 - 14 October | Grenoble, France | 18 March | 16 September | 1 April | 1 October | Taylor Childers |
| IWORID2011 [A] | 3 - 7 July | Zurich, Switzerland | 18 March | | 31 March | | TDSC |
| PLHC2011 [A:3] | 6 - 11 June | Perugia, Italy | 6 April | | 16 April | | Sarah Demers |
| IEEENSS2011 [A:8] | 23 - 29 October | Valencia, Spain | 26 April | | 10 May | | Sarah Demers |
| EPSHEP2011 [A:7] | 21 - 27 July | Grenoble, France | 1 May | | 16 May | | Kostas Kordas |
| SCCG2011 [A:1] | 28 - 30 April | Viničné, Slovak Republic | | | 1 March | | Taylor Childers |
| TWEPP-11 [A:4] | 26 - 30 September | Vienna, Austria | 15 April | | 30 April | | Sarah Demers |
| Vertex2011 [A:1] | 19 - 24 June | Rust, Austria | | | | 22 July | Taylor Childers |
| NDIP2011 [A] | 4 - 8 June | Lyon, France | 1 March | 24 June | 15 March | 8 July | TDSC |
| PSD9 [A] | 12 - 16 September | Aberystwyth, UK | 18 April | | 1 May | | Ricardo Goncalo |
| ICATPP2011 [A] | 3 - 7 October | Como, Italy | 17 June | 26 September | 1 July | 10 October | Kostas Kordas |

Interactive Calendar [iCAL]

TDSC Conference Deadlines

Today: ◀ ▶ May 2011 ▼ Print Week Month Agenda ▼

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|---|--|---|-------|-----|--|--|
| May 1 ANIMMA Int. Proc. EPS-HEP: Int. Abs. PSD: Conf. Abs. S | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 IEEENSS: Conf. Ab | 11 | 12 | 13 | 14 |
| 15 | 16 EPS-HEP Conf. Ab | 17 | 18 | 19 | 20 ANIMMA Conf. Pro | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 PIC2011: Int. Abs. |
| 29 | 30 | 31 PIC2011: Conf. Ab | Jun 1 | 2 | 3 | 4 |

Events shown in time zone: Zurich + [Google Calendar](#)

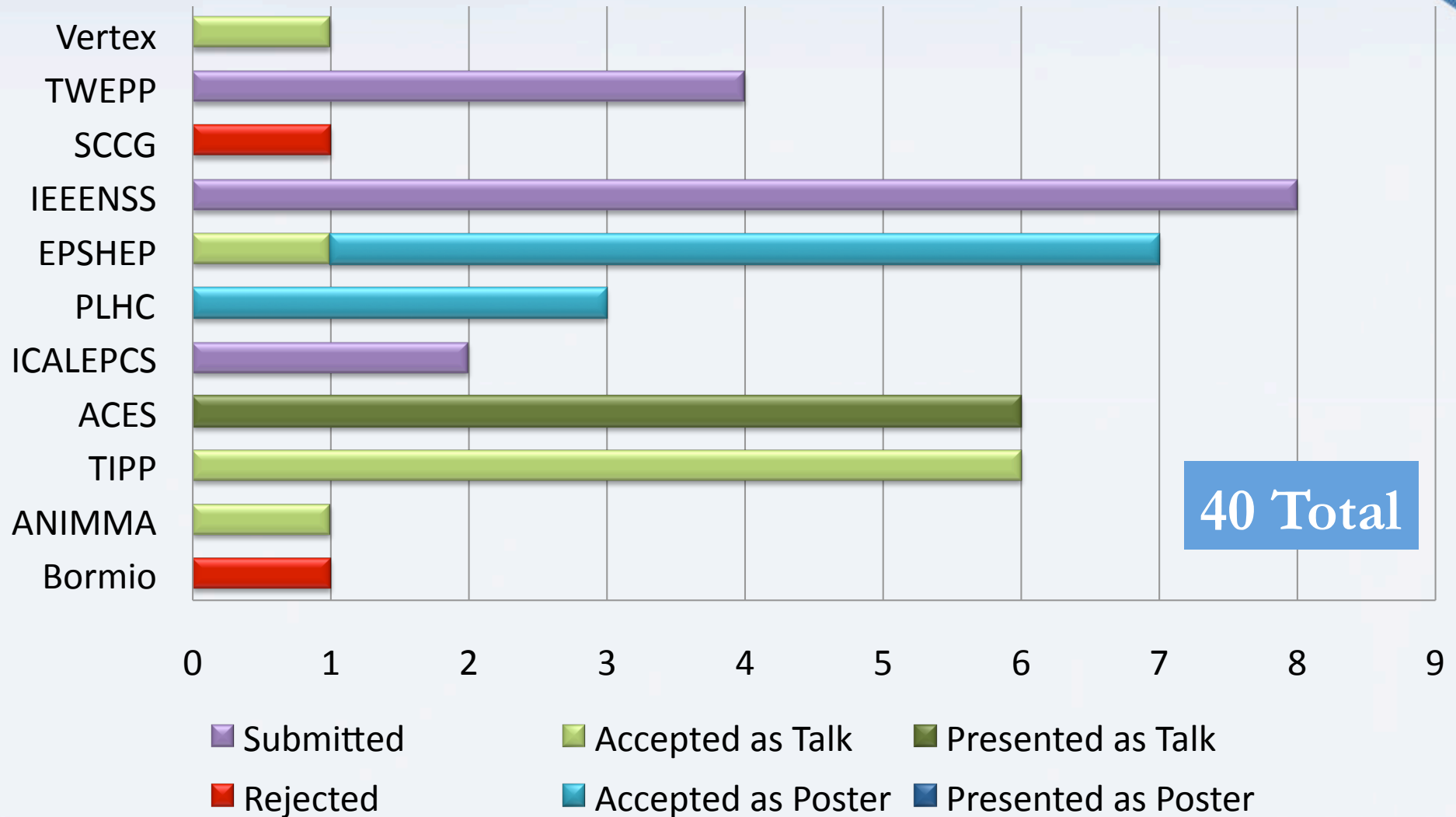
TIPP2011: Technology and Instrumentation in Particle Physics 2011 (Chicago, USA)

| Title | Class | Contr./Inv. | Type | Submitter | Speaker | Presented material (CDs) | Proceedings (CDs) | Published Paper info | Comments | Reviewers |
|---|-------|-------------|------------------|--|---------------------|--------------------------|-------------------|----------------------|--|-----------|
| The ATLAS Trigger System in 2010 LHC proton-proton collisions | A- | ATLAS | Contributed Talk | Andrew Hamilton, John Baines | Srin Rajagopalan | | | | Merged from abstracts by F. Pastore and abs1 and abs2 | |
| ATLAS TDAQ System: Current Status and Performance | A- | ATLAS | Contributed Talk | Wainer Vandell and Giuseppe Avolio | Sergio Balestrero | | | | | |
| The EDRO board connected to the Associative Memory, a "Baby" FastTracker processor for the ATLAS experiment | A- | ATLAS | Contributed Talk | Francesco Crescioli and Paola Gianetti | Francesco Crescioli | | | | Revised version as per email of 23 Feb from Paola Gianetti | |
| Resource utilization of the ATLAS High Level Trigger during 2010 LHC running | A- | ATLAS | Contributed Talk | Rustem Ospanov | Rustem Ospanov | | | | | |
| Online Determination of the LHC Luminous Region with the ATLAS High Level Trigger | A- | ATLAS | Contributed Talk | Rainer Bartoldus | Rainer Bartoldus | | | | | |
| Calibration and performance of the ATLAS Level-1 Calorimeter Trigger with LHC collision data | A- | ATLAS | Contributed Talk | Stephen Hillier | Martin Wessels | | | | | |

[Edit this table](#)

Conference Submissions So Far...

Chart Title



Upcoming Conferences

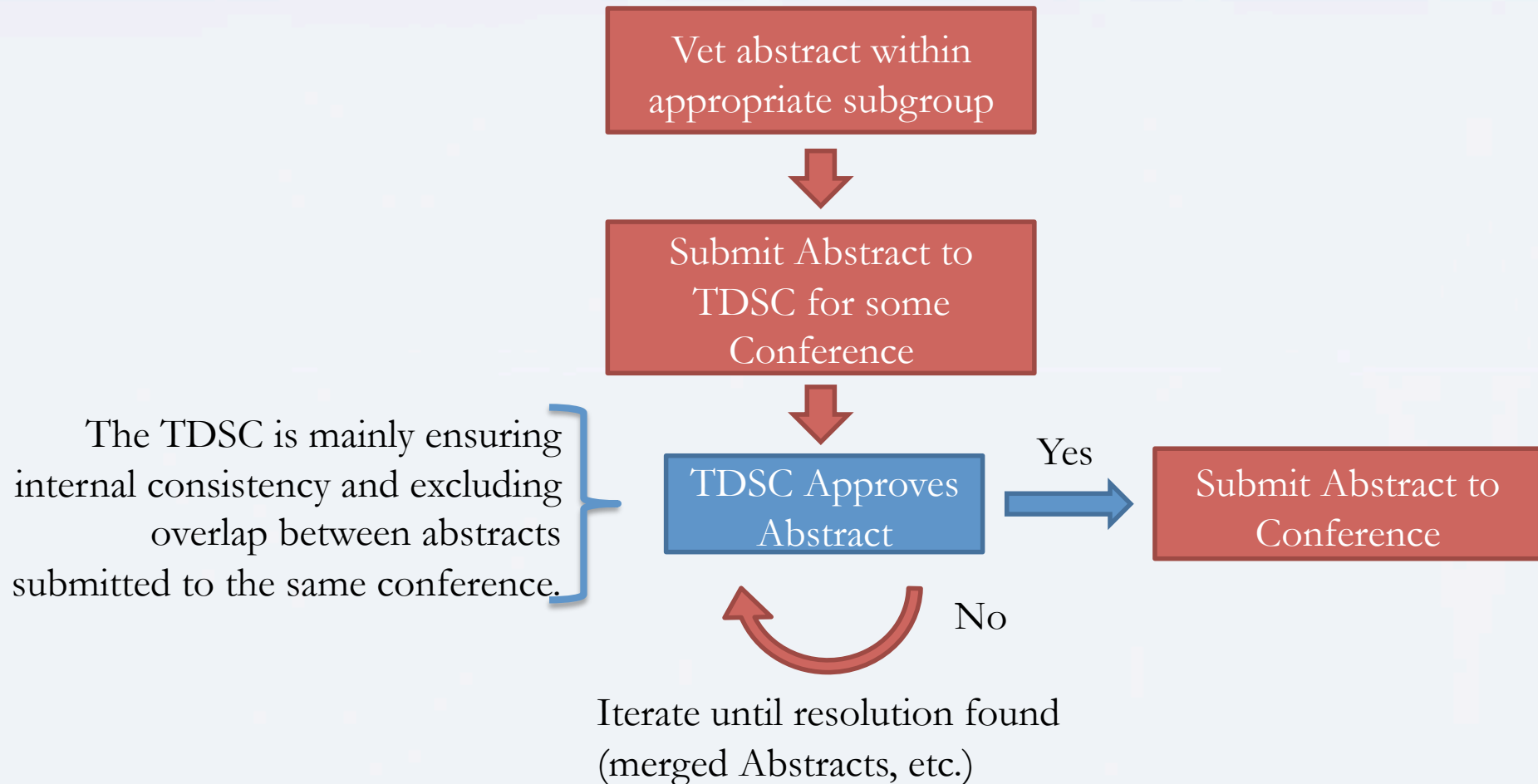
- Only 4 remaining with open deadlines:
 - [ICATPP2011](#): Abs. due 17 June
 - [ACAT2011](#): Abs. due 17 June
 - [PIC2011](#): Abs. due 28 May (poster subs. only)
 - [RD2011](#): Abs. due 27 May (Tracking only)
- Not expecting to see many more conference announcements for 2011.

Talk Selection Criteria

- Institute Representatives are expected to assign a priority for their members who are a part of TDAQ.
- The TDSC, guided by the TDMT, assign a more general TDAQ priority to each member based on:
 - last time the member presented at a conference on behalf of TDAQ
 - job expiration status
 - subgroup convener's input
 - level of contribution within TDAQ
- These data are then used to decide on a final priority
 - We try our best to be objective and fair in this process and distribute talks to a variety of TDAQ authors, which is why we encourage abstract submissions.
- This priority is independent of the ATLAS Speakers Committee's priority for Physics Talks. Institute Reps. are encouraged to nominate their members in the [SCAB Database](#). The waiting list for physics talks is long, so nominations are required for a member to get noticed.

Review of Approval Process [Twiki](#)

- First Step: Abstract Submission



Review of Approval Process [Twiki](#)

- Path A: No collision data in slides, poster, or proceedings (Follow ATLAS [Style!](#))

Create Slides or Poster

Self explanatory, but please respect the internal deadlines set for your conference by the TDSC. **REMEMBER:** Follow ATLAS [Style!](#) Use the premade ROOT TStyle for creating plots and the latex style for text.

Review of Approval Process [Twiki](#)

- Path A: No collision data in slides, poster, or proceedings (Follow ATLAS [Style!](#))

Create Slides or Poster

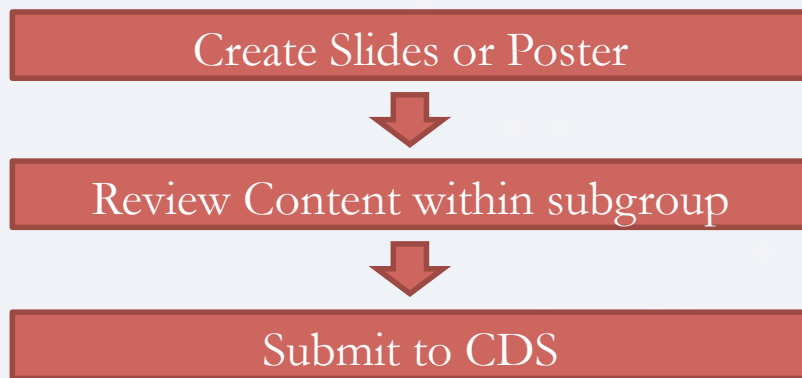


Review Content within subgroup

It is very important that the relevant subgroup is aware of the proposed submission and has already signed off on the content.

Review of Approval Process [Twiki](#)

- Path A: No collision data in slides, poster, or proceedings (Follow ATLAS [Style!](#))

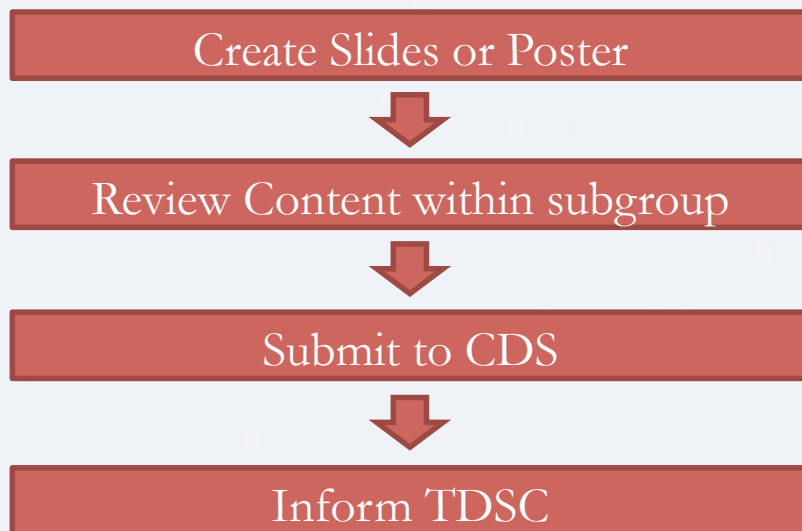


Submit to CDS as DAQ-COM and do not request approval until the TDSC instructs you to do so.

| | |
|--|---|
| Calorimeter Working Group <input type="radio"/> | Submit a Document |
| DAQ and Trigger <input checked="" type="radio"/> | Submit a Revised Version |
| Electronics <input type="radio"/> | Modify Bibliographic Information |
| General ATLAS <input type="radio"/> | Request Approval as a Note (INT,PUB) |
| Inner Detector <input type="radio"/> | Request Approval as a PROCeeding or SLIDE or CONFERENCE |
| Liquid Argon Detector Unit <input type="radio"/> | Withdraw Approval Request |
| Luminosity and Forward Detectors <input type="radio"/> | Approve a document as a Note (INT,PUB) |
| Magnets <input type="radio"/> | Approve a document as a Proceeding (PROC) |
| Muon <input type="radio"/> | Approve a document as a SLIDE |
| Outreach <input type="radio"/> | Approve a Document as CONF |
| Physics <input type="radio"/> | |
| Offline Software and Computing <input type="radio"/> | |
| Technical Coordination <input type="radio"/> | |
| Tile Calorimeter Detector Unit <input type="radio"/> | |
| Upgrade <input type="radio"/> | |
| Notes to be used for conferences <input type="radio"/> | |
| Data Preparation <input type="radio"/> | |

Review of Approval Process [Twiki](#)

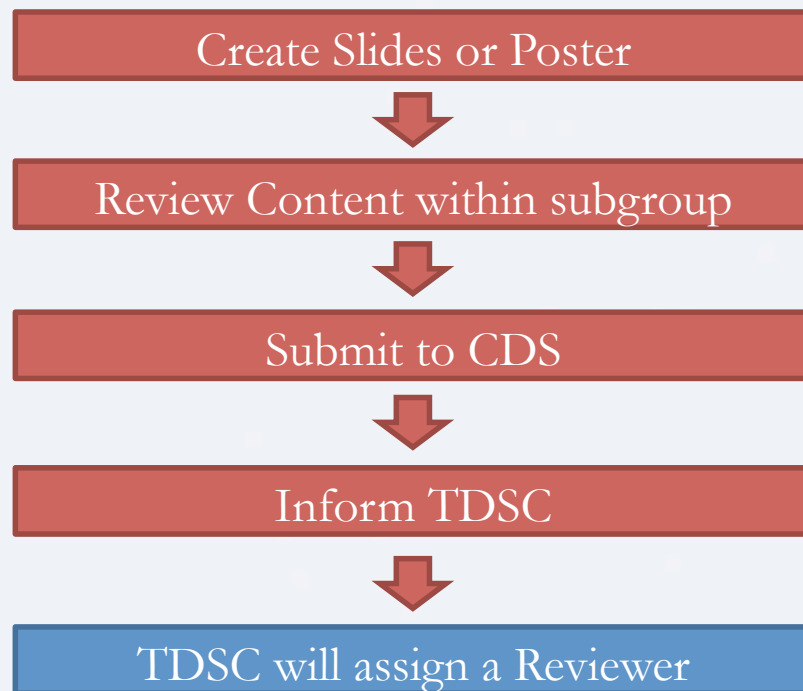
- Path A: No collision data in slides, poster, or proceedings (Follow ATLAS [Style!](#))



Email atlas-tdaq-speakers to provide us with the CDS details for your proceedings/slides/poster.

Review of Approval Process [Twiki](#)

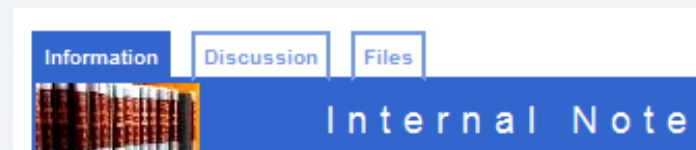
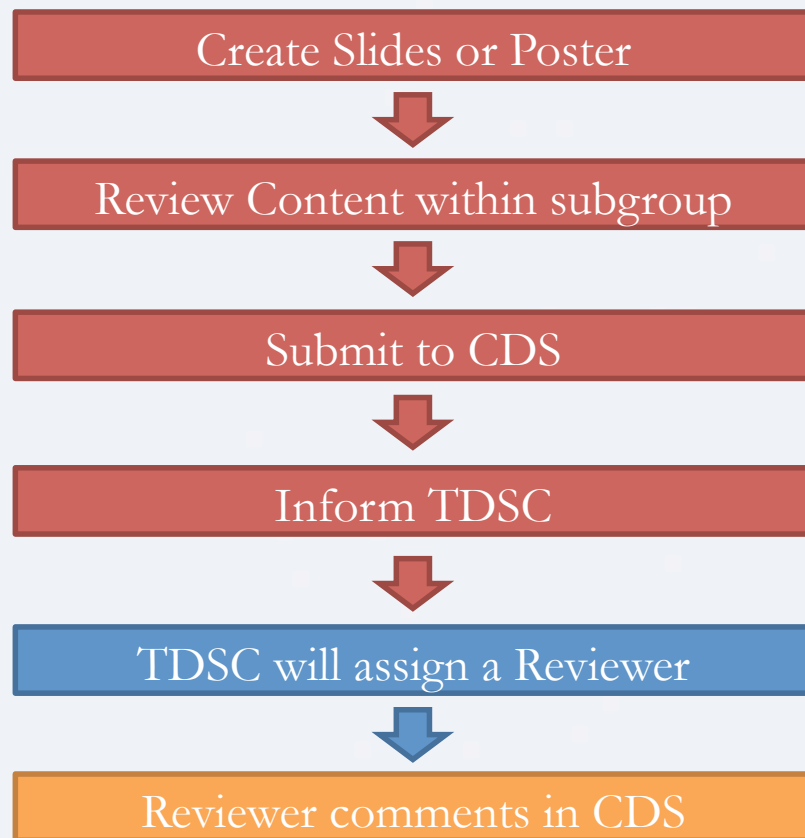
- Path A: No collision data in slides, poster, or proceedings (Follow ATLAS [Style!](#))



TDSC will find an appropriate reviewer for your content and let you know when one has been assigned.

Review of Approval Process [Twiki](#)

- Path A: No collision data in slides, poster, or proceedings (Follow ATLAS [Style!](#))



The reviewer is encouraged to place comments directly in the CDS “discussion” tab.

Review of Approval Process [Twiki](#)

- Path A: No collision data in slides, poster, or proceedings (Follow ATLAS [Style!](#))

TDSC will assign a Reviewer



Reviewer comments in CDS



Author Addresses Comments in CDS

Author should address all comments posted to CDS **in** CDS until the reviewer is satisfied.

Review of Approval Process [Twiki](#)

- Path A: No collision data in slides, poster, or proceedings (Follow ATLAS [Style!](#))

Once the reviewer is happy, they should note this in CDS.

Reviewer states approval in CDS

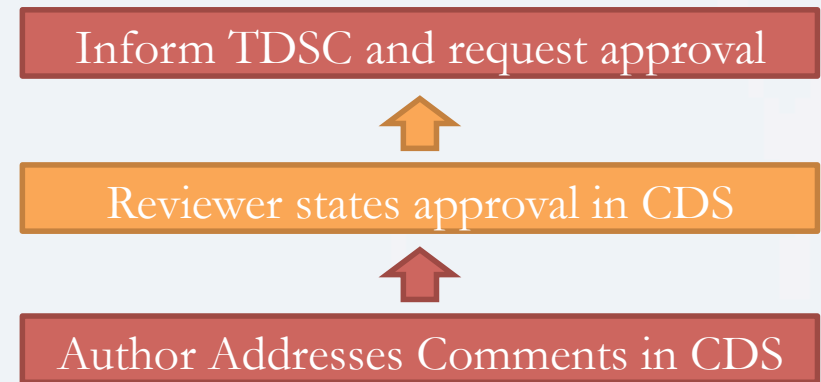


Author Addresses Comments in CDS

Review of Approval Process [Twiki](#)

| | | |
|--|---|----------|
| Calorimeter Working Group <input type="radio"/> | Submit a Document | ster, or |
| DAQ and Trigger <input checked="" type="radio"/> | Submit a Revised Version | |
| Electronics <input type="radio"/> | Modify Bibliographic Information | |
| General ATLAS <input type="radio"/> | Request Approval as a Note (INT,PUB) | |
| Inner Detector <input type="radio"/> | Request Approval as a PROCeeding or SLIDE or CONFerence | |
| Liquid Argon Detector Unit <input type="radio"/> | Withdraw Approval Request | |
| Luminosity and Forward Detectors <input type="radio"/> | Approve a document as a Note (INT,PUB) | |
| Magnets <input type="radio"/> | Approve a document as a Proceeding (PROC) | |
| Muon <input type="radio"/> | Approve a document as a SLIDE | |
| Outreach <input type="radio"/> | Approve a Document as CONF | |
| Physics <input type="radio"/> | | |
| Offline Software and Computing <input type="radio"/> | | |
| Technical Coordination <input type="radio"/> | | |
| Tile Calorimeter Detector Unit <input type="radio"/> | | |
| Upgrade <input type="radio"/> | | |
| Notes to be used for conferences <input type="radio"/> | | |
| Data Preparation <input type="radio"/> | | |

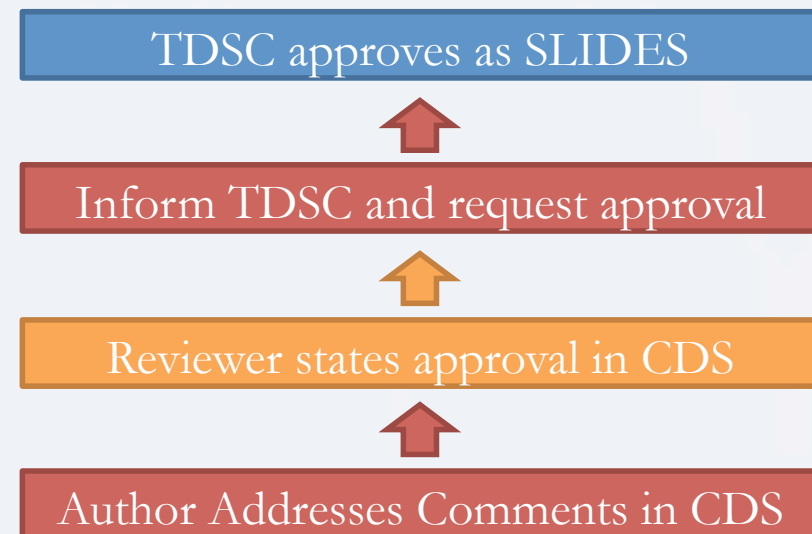
Author informs TDSC that the reviewer has signed off and, via CDS, requests **SLIDES** or **PROC** depending of if these are slides or proceedings, respectively.



Review of Approval Process [Twiki](#)

- Path A: No collision data in slides, poster, or proceedings (Follow ATLAS [Style!](#))

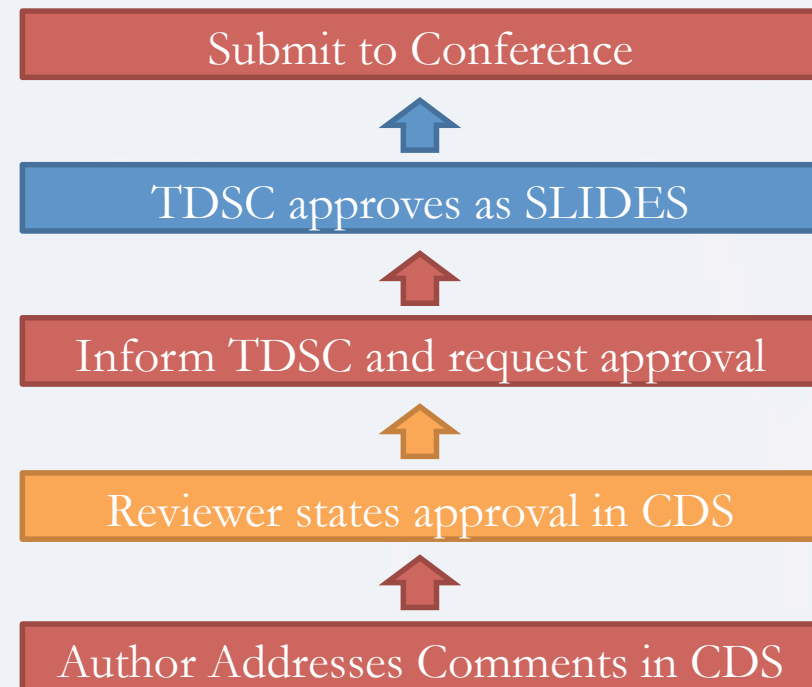
TDSC directly approves SLIDES. PubCom approves PROC.



Review of Approval Process [Twiki](#)

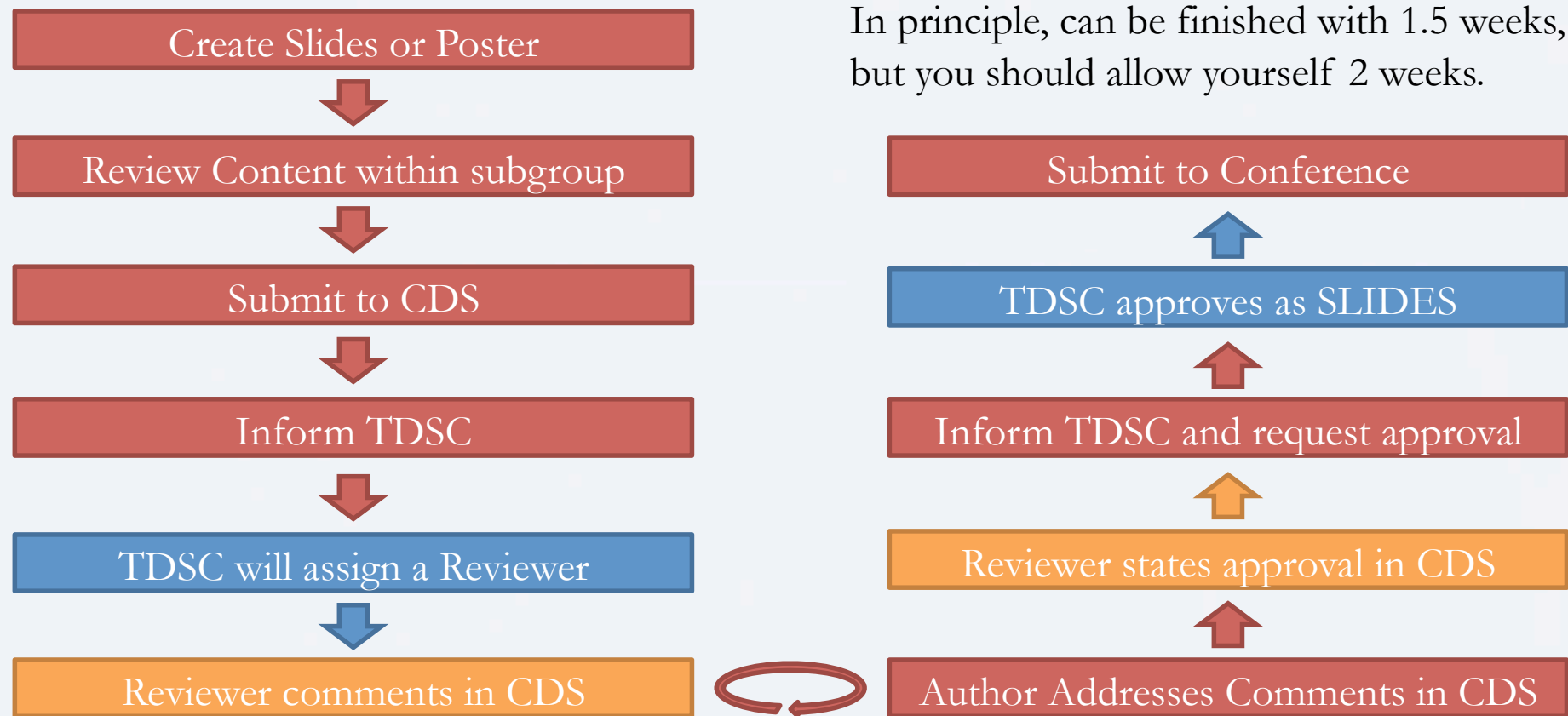
- Path A: No collision data in slides, poster, or proceedings (Follow ATLAS [Style!](#))

Author receives automated message from CDS that content is approved. Only after this point may the content be handed over or presented to non-ATLAS members.



Review of Approval Process [Twiki](#)

- Path A: No collision data in slides, poster, or proceedings (Follow ATLAS [Style!](#))



Review of Approval Process [Twiki](#)

- Path B: Collision data in slides, poster, or proceedings.
- This is a 2 step process:
 - Plots using Collision data must go through official ATLAS plot approval procedure, which adds an additional 2-3 week lead time.
 - After plots are approved you can proceed as per *Path A* instructions.

So 5-6 Weeks total for completion should be allowed.

- Plots included in other public documents, i.e. CONF or PUB Notes, are already approved and therefore can be used straight away in *Path A*.

Review of Approval Process [TWiki](#)

- Path B: Plot Approvals (Follow ATLAS [Style!](#))

Create Document of Plots needing approval: one per page with the expected accompanying text

Again, Follow ATLAS [Style](#), use the premade ROOT TStyle for creating plots and the latex style for text.

Plots that are created from running the trigger offline should be marked as “Trigger Run Offline” on the plot and in the text accompanying the plot.

Plots which come directly from online monitoring should be marked “ATLAS Trigger Operation.”

One plot and only related text per page, please! No long introductory texts, otherwise you need a full fledged PUB Note.

Review of Approval Process [TWiki](#)

- Path B: Plot Approvals (Follow ATLAS [Style!](#))

Create Document of Plots needing approval: one per page with the expected accompanying text



Review content within subgroup

It is very important that the content is reviewed and approved within the appropriate subgroup before beginning the approval process.

Review of Approval Process [TWiki](#)

- Path B: Plot Approvals (Follow ATLAS [Style!](#))

Create Document of Plots needing approval: one per page with the expected accompanying text

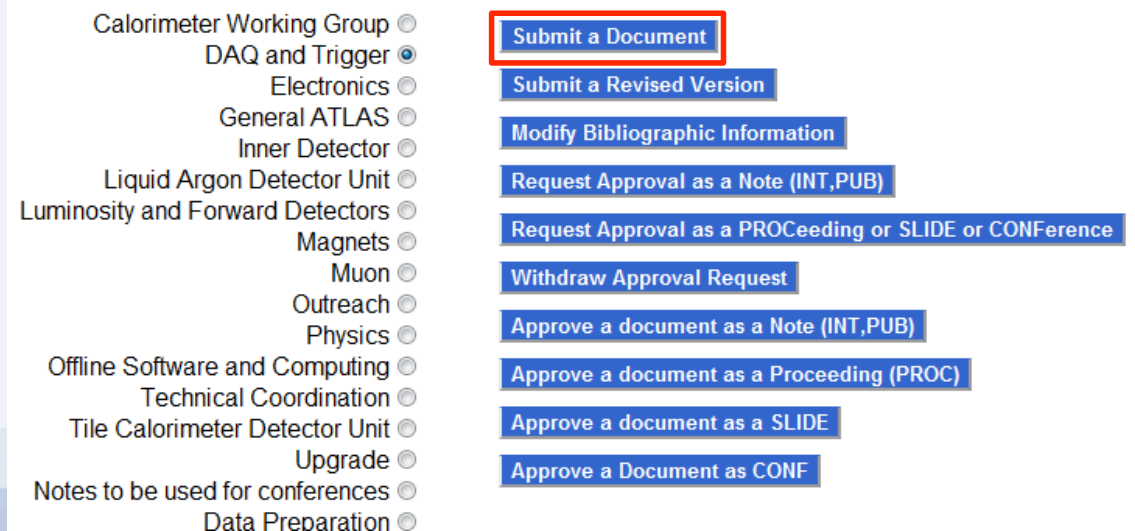


Review content within subgroup



Submit to CDS as COM-DAQ Note

Submit to CDS as COM-DAQ.



The screenshot shows a navigation menu with two columns. The left column lists various ATLAS subgroups, each with a radio button. The right column lists actions, each with a button. The 'Submit a Document' button is highlighted with a red border.

| | | |
|----------------------------------|----------------------------------|---|
| Calorimeter Working Group | <input type="radio"/> | Submit a Document |
| DAQ and Trigger | <input checked="" type="radio"/> | Submit a Revised Version |
| Electronics | <input type="radio"/> | Modify Bibliographic Information |
| General ATLAS | <input type="radio"/> | Request Approval as a Note (INT,PUB) |
| Inner Detector | <input type="radio"/> | Request Approval as a PROceeding or SLIDE or CONFERENCE |
| Liquid Argon Detector Unit | <input type="radio"/> | Withdraw Approval Request |
| Luminosity and Forward Detectors | <input type="radio"/> | Approve a document as a Note (INT,PUB) |
| Magnets | <input type="radio"/> | Approve a document as a Proceeding (PROC) |
| Muon | <input type="radio"/> | Approve a document as a SLIDE |
| Outreach | <input type="radio"/> | Approve a Document as CONF |
| Physics | <input type="radio"/> | |
| Offline Software and Computing | <input type="radio"/> | |
| Technical Coordination | <input type="radio"/> | |
| Tile Calorimeter Detector Unit | <input type="radio"/> | |
| Upgrade | <input type="radio"/> | |
| Notes to be used for conferences | <input type="radio"/> | |
| Data Preparation | <input type="radio"/> | |

Review of Approval Process [TWiki](#)

- Path B: Plot Approvals (Follow ATLAS [Style!](#))

Create Document of Plots needing approval: one per page with the expected accompanying text



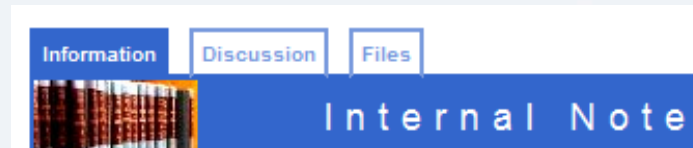
Review content within subgroup



Submit to CDS as COM-DAQ Note



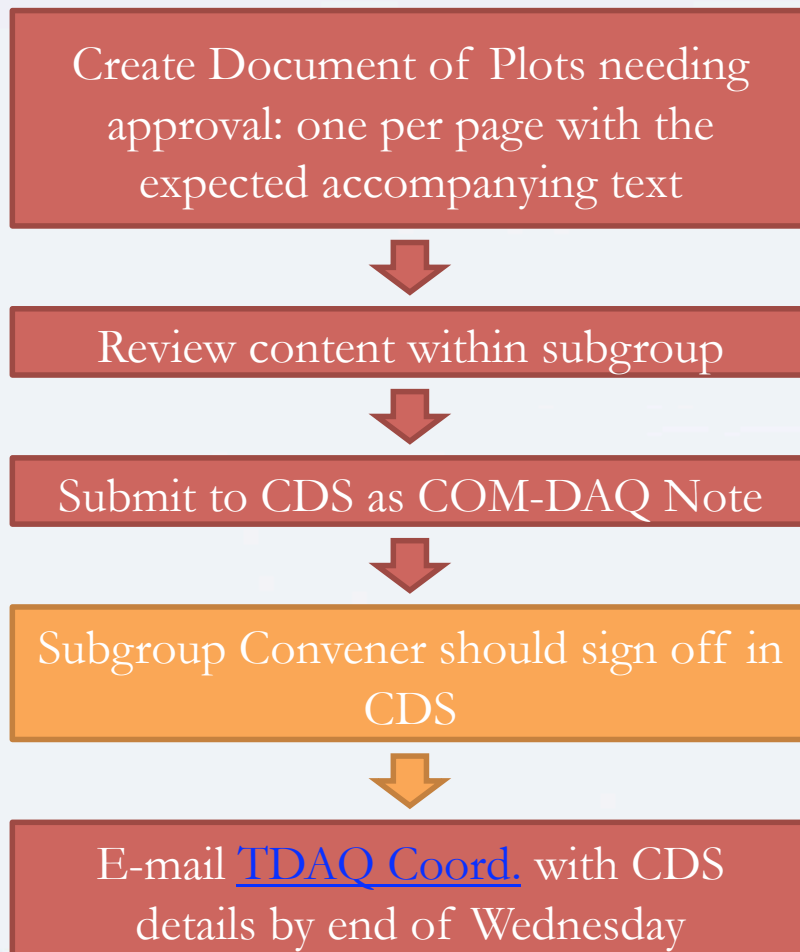
Subgroup Convener should sign off in CDS



Subgroup convener should add approval under the CDS discussion tab.

Review of Approval Process [TWiki](#)

- Path B: Plot Approvals (Follow ATLAS [Style!](#))



Email the TDAQ Management or Trigger Coordinator by the end of Wednesday so they can include the content in their weekly email for all TDAQ approvals, which must be sent by midday Thursday to the ATLAS plot approval coordination.

Review of Approval Process [TWiki](#)

- Path B: Plot Approvals (Follow ATLAS [Style!](#))

The content will be included in the weekly email to atlas-current-physicists at 2pm on Thursday so CDS comments may begin to appear immediately.

All comments should be addressed as quickly as possible to avoid further delays and responses always included in the discussion tab of the CDS entry.

If a revised version of the content is posted, it should be noted in the CDS discussion tab.

E-mail [TDAQ Coord.](#) with CDS details by end of Wednesday



Respond to CDS comments in CDS with precise responses

Review of Approval Process [TWiki](#)

- Path B: Plot Approvals (Follow ATLAS [Style!](#))

A power point representing the CDS entry or the document itself can be presented at the Trigger General Meeting the week following the email to atlas-current-physicists.

Please do not add additional text outside what is in the CDS document.

Please ensure “to be approved” is clearly marked on all plots.

E-mail [TDAQ Coord.](#) with CDS details by end of Wednesday



Present plots at following Trigger General Meeting



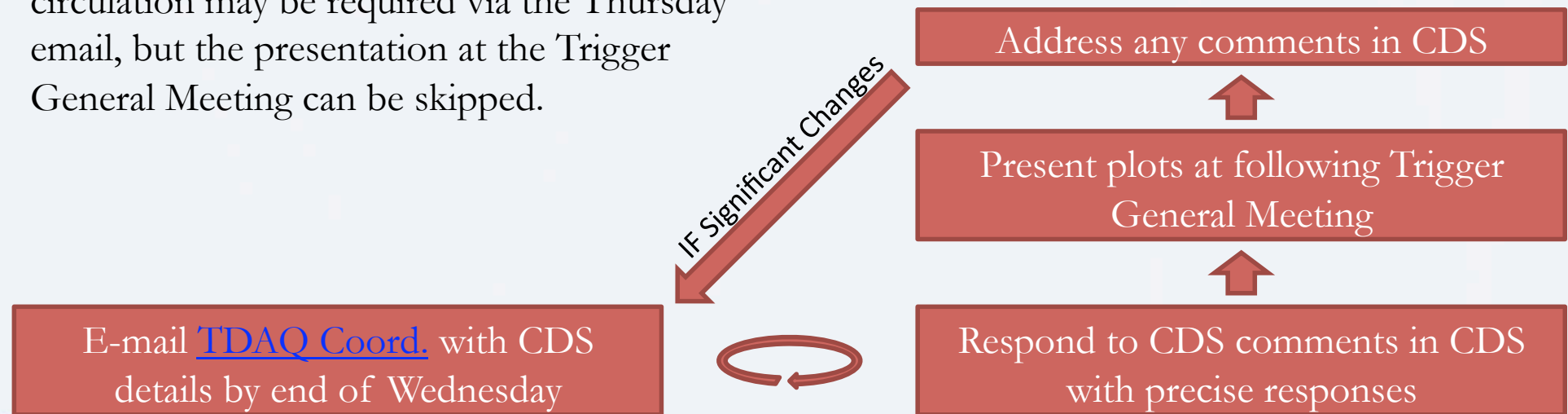
Respond to CDS comments in CDS with precise responses

Review of Approval Process [TWiki](#)

- Path B: Plot Approvals (Follow ATLAS [Style!](#))

After the presentation, all comments made in the meeting should be addressed, making notes of such changes in the CDS discussion tab.

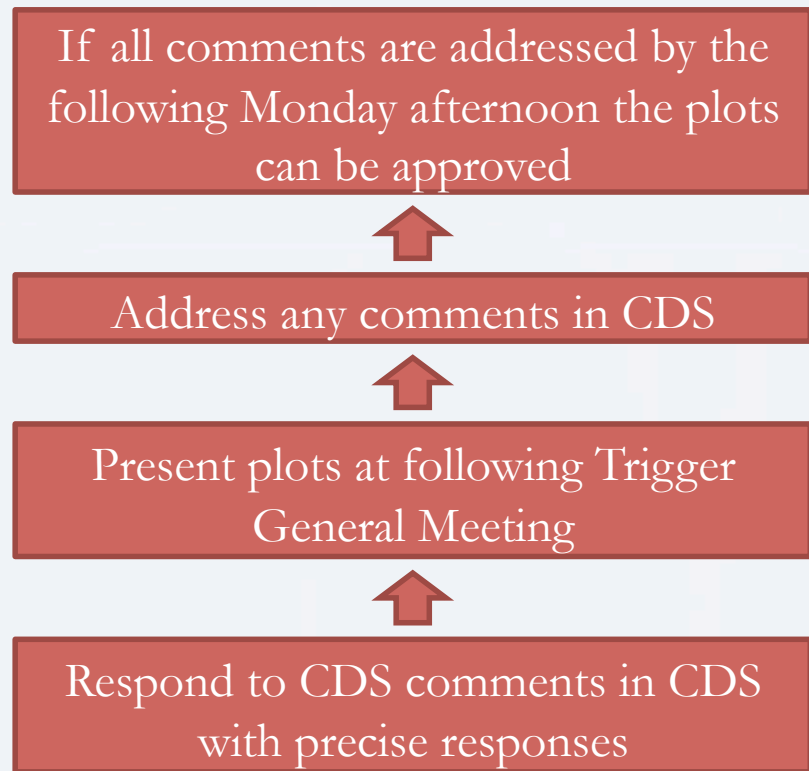
If there are significant changes, another circulation may be required via the Thursday email, but the presentation at the Trigger General Meeting can be skipped.



Review of Approval Process [TWiki](#)

- Path B: Plot Approvals (Follow ATLAS [Style!](#))

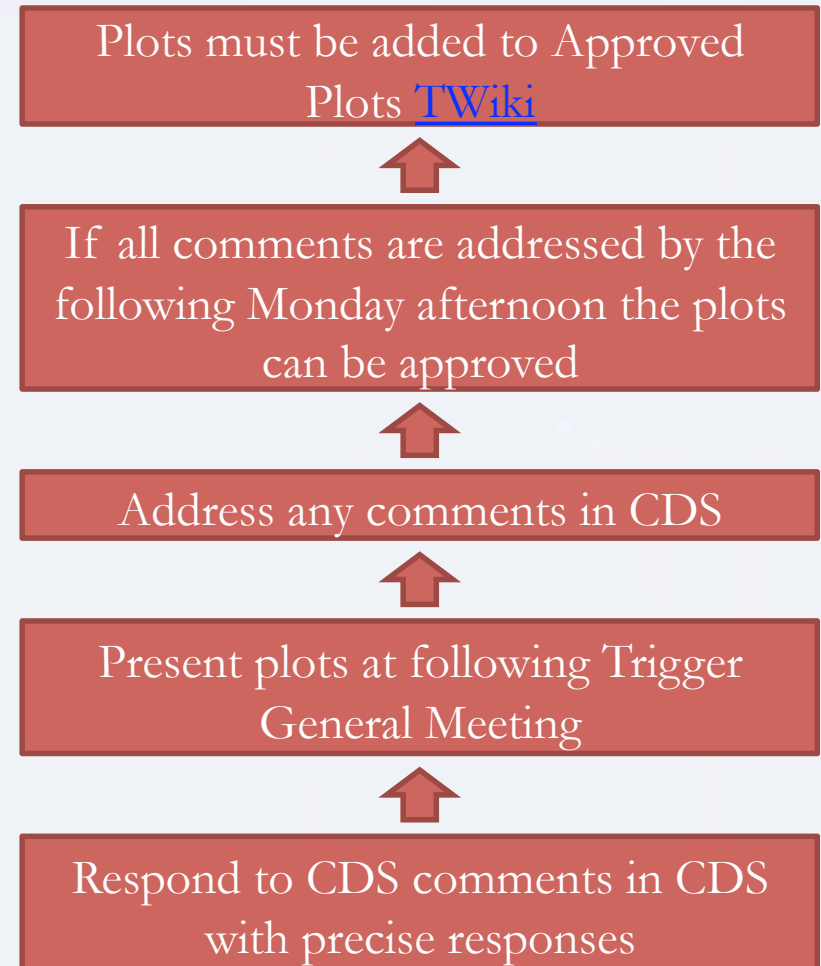
If all comments are addressed by the Monday afternoon following the Trigger General Meeting (or after the re-circulation), the plots may be approved.



Review of Approval Process [TWiki](#)

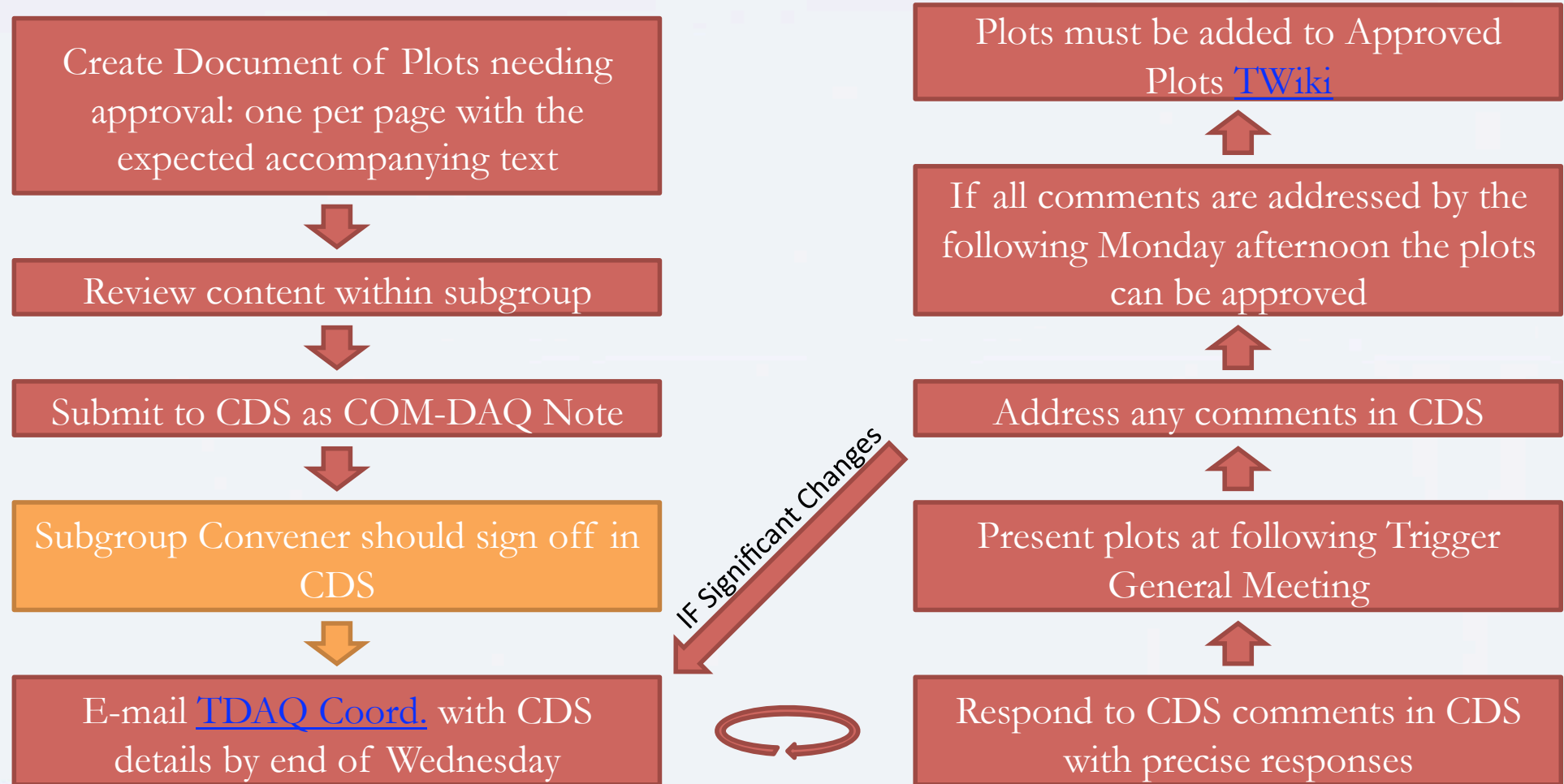
- Path B: Plot Approvals (Follow ATLAS [Style!](#))

Once the author is notified that the plots are approved, they should be added to the Approved Plots TWiki page.



Review of Approval Process [TWiki](#)

- Path B: Plot Approvals (Follow ATLAS [Style!](#))



Review of Approval Process

- Make sure you use the appropriate Twiki pages:
 - TDAQ Speakers Committee:
 - Submitting to conferences: [TWiki](#)
 - ATLAS PubCom Plot Approvals: [TWiki](#)
 - TDAQ Plot Approvals: [TWiki](#)
 - In principle the same as the ATLAS PubCom, but adds a little more details to help clarify.

Performance Talks (SC↔SSC)

- ATLAS Speakers Committee would like to even the field when it comes to Online and Offline Performance Talks
 - Offline performance (e/gamma reco., etc.) have previously been counted as Physics talks and therefore reduce your priority for a true Physics talk
 - Online performance (tag-and-probe trigger efficiencies) have not been counted as Physics talks
- Currently discussing/brain-storming equitable solutions to this discrepancy.
 - Need a new category?
 - Need a combined performance SSC?

Other topics...

- **GLANCE Speakers Database for TDSC**
 - GLANCE team working to create Subsystem Speakers Committee databases that can be used in similar fashion as ATLAS Speakers Committee database.
 - Still in testing phase and does not yet fulfill all our requirements for a usable database.
 - Previously used Excel sheets, recently transitioned to a python dictionary.
- Latest Author List is in final review stages and will be released soon.

Summary

- Please consult the TDSC TWiki pages and Complain if its not clear or out of date
- Feel free to submit abstracts often
- Presenting collision data can cause you pain, but is necessary.
- Approval procedures are mandatory.
- Approval procedures continue to evolve and change so give yourself time when submitting content.

