

# ePIC Website Design Document

Overall Structure, Content, Navigation, and Integration with External Resources



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# 1. Introduction

Mid of Mai 2023, the ePIC management put a small group together to take on the task of setting up an initial web presence for the ePIC Collaboration. This overall task was divided up into four parts, each taken over by one member of the task force.

1. Technical support: Implementation of the technical solutions and interface with the host labs, in particular with BNL.
2. Website design: The overall structure and navigation within the website and integration with external resources.
3. Document management: An initial solution to archive talks, images, technical notes, etc. in a way that they can be easily accessed by the collaboration.
4. User-centered design: Ensure that web resources are properly organized and can be navigated in a way that is useful and straightforward, both to existing and new collaborators.

This document focuses solely on (2). The design that follows was put together as a draft in early June after some iterations and case studies with colleagues at BNL and after discussion within the task force. It was then submitted to ePIC management, ePIC CC chair and deputy chair, as well as the Analysis and Technical Coordinators for further input.

The goal of the design was to include all parts of an ePIC web site that are potentially needed in the upcoming years. Still, once in operation, the web site should be able to easily accommodate more content without having to be redesigned. The design aims at allowing for considerable grow and refinement.

It is assumed BNL will host the web site implying that it cannot be a web site that changes dynamically on a daily basis. Few people will have access. This implies that the web site needs to be augmented by some tool that allows to add/alter/remove content easily. In the following a tool like this is called **WikiMediaLike** implying that is does not have to be necessarily based on BNLS WikiMedia but at least offers the same features. It is also assumed that ePIC will have available a searchable document data base to store reports, documents and more. When relation to this data base is mentioned, it is referred to as **DocDBLike**. Decisions what products will be at the end used for **WikimediaLike** and **DocDBLike** is discussed elsewhere. This document does not necessarily depend on specific features on either. Other external resources will be used by their names as there are currently no alternative (e.g., Indico).

Things that apply to all pages:

- Each page should have a footer with date when last updated and by whom (initials)

- Webmaster email on footer of every page
- Top navigation bar stays on top in all cases
- Click on logo in nav bar brings you home, either to Gateway/Public Home Page or to the Collaboration Home Page

Note that on some pages simplified example screenshots are shown. They only serve for illustration purposes and to provide some visual guidance. None of the design element is implied of to be used in the actual web page.

This document currently contains the description of 45 pages that form the core of the “ePIC Web”. It is the hope that this document will serve as guidance to the persons implementing the web site, making their job easier. In addition to describing the actual content, it details who is responsible for the content or at least whom to contact to get to the right person and how frequent the page might change.

## 2. Gateway & Public Home Page

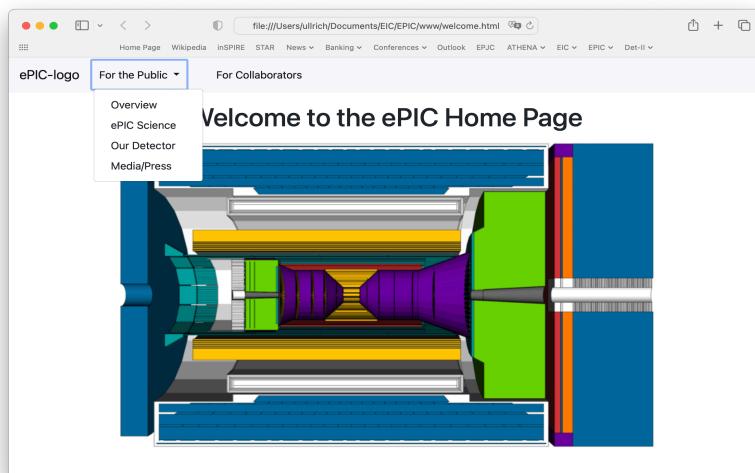
The gateway is the entry port to the ePIC web pages, the public as well as the private ones. Both should be clearly marked as who the audience is. Still its main role is to serve as a public information page. The page should contain a central pleasing graphics or a set of graphics that potentially change randomly. The reference to the actual collaboration page is one link only in the navigation bar clearly marked as “For the Collaboration”. Access to the collaboration page is restricted.

This navigation bar is common to all pages listed in Chapter 2 (i.e., 2.1 – 2.5)

### Navigation Bar:

- I. Bar on top should feature the following elements
  - A. ePIC Logo (link to gateway main page see 2.1)
  - B. Menu labelled “For the Public” with the following submenus
    1. Overview (see 2.2)
    2. ePIC Science (see 2.3)
    3. Our Detector (see 2.4)
    4. Media/Press (see 2.5)
  - C. Menu item “For Collaborators” that is a direct link to the Collaboration Web Site (see chapter 3).

### Simplified Example:



## 2.1 Main Page

This page is part of the public interface and should have the navigation bar detailed on page 5.

**Related Menu Item/Link:**

Click on left logo in navigation bar

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 5)
- Visible title stating “Welcome to the ePIC Home Page”
- Central attractive graphics element
- Optional: if there are milestone events that are described on any other public web page a “Latest News” text and link to this page could be added. Use sparingly since they tend to become old news quickly and remain for too long.

**Access Control:**

Public

**Update Frequency:**

~1/year

**Design/Responsibility:**

Overall design by ePIC web programmer/webmaster. Graphics possibly by BNL or Lab web&graphic designer.

**Animation:**

Possible for graphics

## **2.2 Overview (For the Public)**

This page is part of the public interface and should have the navigation bar detailed on page 5.

**Related Menu Item/Link:**

Gateway (see 2) → For the Public → Overview

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 5)
- Visible title stating “ePIC Overview”
- Body of text and possible simple graphics explaining the purpose, location, timeline, and brief detector description. Avoid getting into too many details as this is subject of other pages.

**Access Control:**

Public

**Update Frequency:**

~1/year

**Design/Responsibility:**

ePIC management or (if existing) Outreach Group.

**Animation:**

Possible for graphics

## 2.3 ePIC Science (For the Public)

This page is part of the public interface and should have the navigation bar detailed on page 5.

**Related Menu Item/Link:**

Gateway (see 2) → For the Public → ePIC Science

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 5)
- Visible title stating “ePIC Science”
- Body of text and possible simple graphics explaining the big questions and how ePIC plans to answer them.

*Note: similar EICUG pages are outdated and BNL web pages too general for an public interested in science. In longer term, once operation and data analysis started this could explain ePICs finding/measurements to a general audience.*

**Access Control:**

Public

**Update Frequency:**

~1/year, more frequent once operation starts.

**Design/Responsibility:**

ePIC management or (if existing) Outreach Group, Analysis Coordinators

**Animation:**

Possible for graphics and for illustration purposes

## 2.4 Our Detector (For the Public)

This page is part of the public interface and should have the navigation bar detailed on page 5.

**Related Menu Item/Link:**

Gateway (see 2) → For the Public → Our Detector

**Style:**

Initially single web page to get started. Can and should be separated later into one page per detector subsystem, preferably around CD-2/3.

**Content:**

- Navigation bar on top (see page 5)
- Visible title stating “Our Detector”
- **Initially:** Explanation of the ePIC detector in one page. Simple drawing to point to the sub detector elements, many photos, students engaged, try description of every larger detector system in simple terms (well done at CERN see CMS for example (left column only): <https://cms.cern/detector>). **Later:** One page for every subsystem. Good example how this is done is CMS see for example (left column only): <https://cms.cern/detector/identifying-tracks/silicon-pixels>

**Access Control:**

Public

**Update Frequency:**

~1/year, more frequent once operation starts.

**Design/Responsibility:**

ePIC Technical Coordinator

**Animation:**

Possible for graphics

**External Tools:**

Possibly DocDBLike for photos and drawings. Should not feature photos that are not officially approved which is easier when going through drawing and photo DBs.

## 2.5 Media & Press (For the Public)

This page is part of the public interface and should have the navigation bar detailed on page 5.

### **Related Menu Item/Link:**

Gateway (see 2) ➡ For the Public ➡ Media & Press

Collaboration Pages ➡ News ➡ ePIC in the press

### **Style:**

Single web page. If page becomes too long, it might be necessary to outsource older material to pages for a given range of years. These pages then could be linked from the current one.

### **Content:**

- Navigation bar on top (see page 5)
- Body of text titled “ePIC in the Press & Media. List press articles (university or media journals) about ePIC or people in ePIC. Preferably pdf copies because press links at newspapers shift or disappear and university links disappear over time.

### **Access Control:**

Public

### **Update Frequency:**

~1/month, whenever news articles appear.

### **Design/Responsibility:**

ePIC web master and management

### **Animation:**

None

### **External Tools:**

Possibly DocDBLike for press articles and pages. Need to keep them as they are not on stable links.

## 3. Collaboration Web Pages

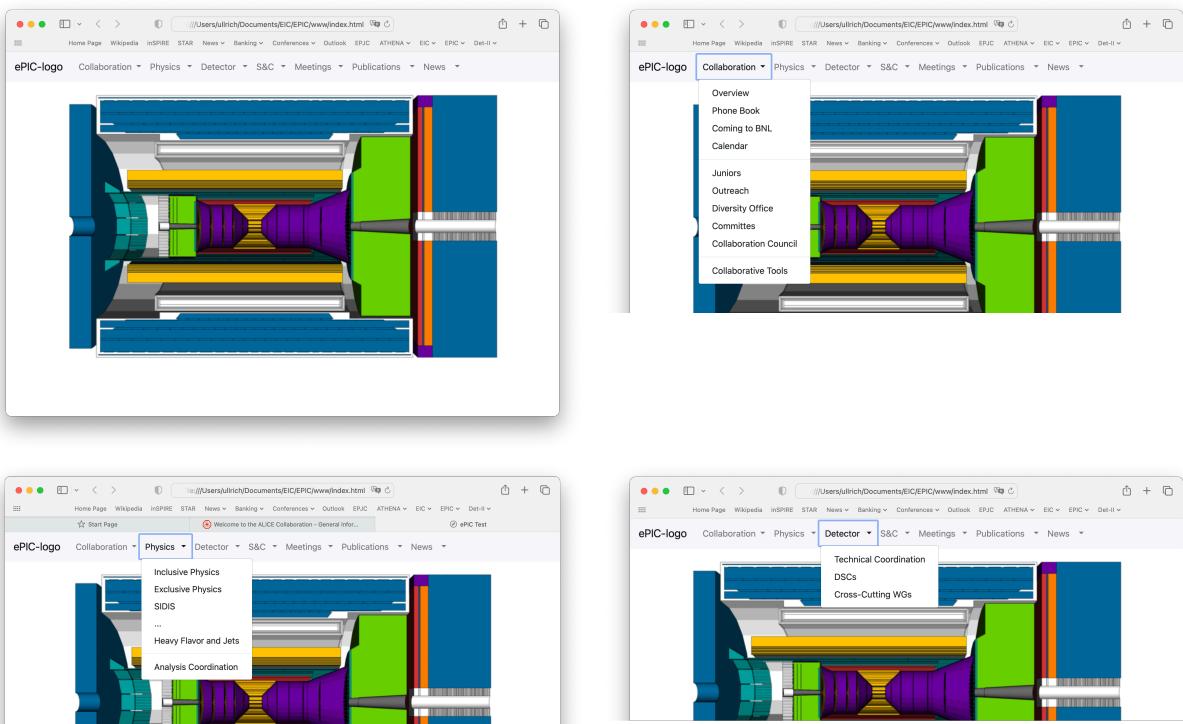
The collaboration web pages are the “working” web pages for the collaboration. Access will be restricted. The entry page is from here called the “Collaboration Home Page”. All page described in this chapter will have the same navigation bar which is described here.

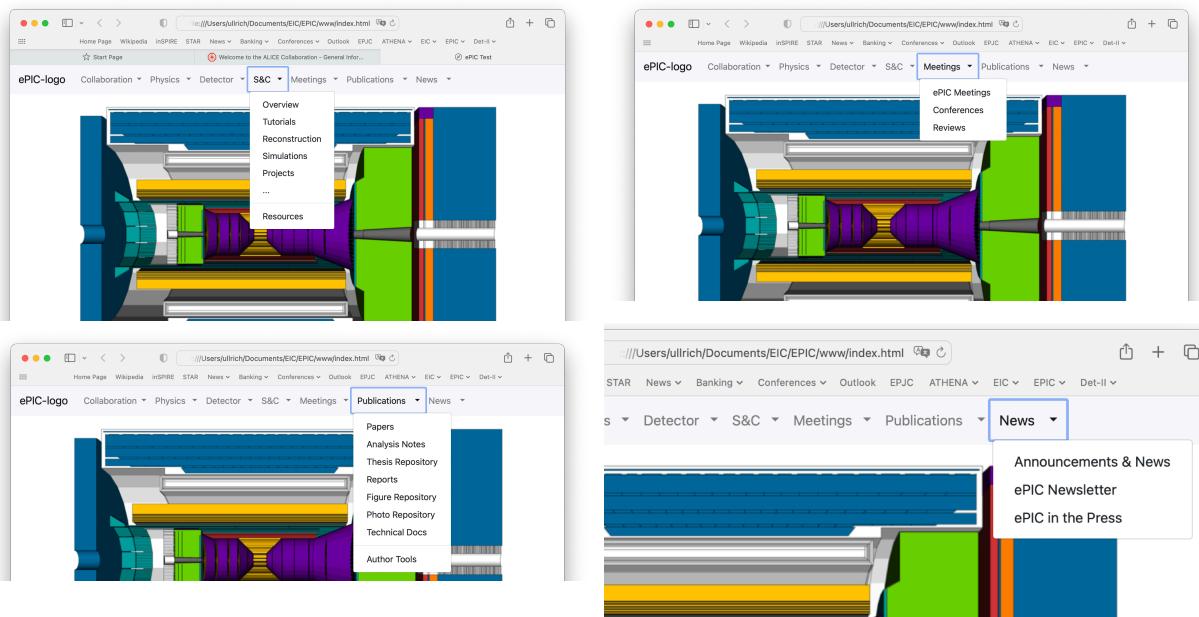
### **Navigation Bar:**

- I. Bar on top should feature the following 8 elements:
  - A. ePIC Logo (link to *Collaboration Home Page* see 3.1)
  - B. Menu labelled “For the Public” with the following submenus
    1. Overview
    2. Phone Book
    3. Coming to BNL
    4. Calendar
    5. <separator>
    6. Early Career
    7. Outreach
    8. Diversity Office
    9. Committees
    10. Collaboration Council
    11. <separator>
    12. Collaborative Tools
  - C. Menu labelled “Physics” with the following submenus
    1. Inclusive
    2. Semi-Inclusive
    3. Exclusive & Diffraction
    4. Jets & Heavy Flavor
    5. BSM & EW
    6. <separator>
    7. Analysis Coordination
  - D. Menu labelled “Detector” with the following submenus
    1. Technical Coordination
    2. DSCs
    3. Cross-Cutting WGs
  - E. Menu labelled “S&C” with the following submenus
    1. Overview
    2. Tutorials
    3. Reconstruction
    4. Simulations
    5. Projects
    6. <separator>

7. Resources
- F. Menu labelled “Meetings” with the following submenus
1. ePIC Meetings
  2. Conferences (& Workshops)
  3. Reviews
- G. Menu labelled “Publications” with the following submenus
1. Papers
  2. Analysis Notes
  3. Thesis Repository
  4. Reports
  5. Figure Repository
  6. Photo Repository
  7. Technical Docs
  8. Author Tools
- H. Menu labelled “News” with the following submenus
1. Announcement & News
  2. ePIC Newsletter
  3. ePIC in the press

### Simplified Examples:





*The 7 menu items should be able to accommodate more submenus (or less) should that become necessary. The overall number of top level menus should stay at 7 (+1 logo) if possible.*

## 3.1 Main Page

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Gateway (see 2) → For Collaborators

Click on left logo in navigation bar

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “Welcome to the ePIC Collaboration”
- Central attractive graphics element

**Access Control:**

Restricted to collaborators

**Update Frequency:**

~6/year (graphics)

**Design/Responsibility:**

Overall design by ePIC web programmer. Graphics should be indicative of the time, i.e. latest construction picture, collaboration photo from last meeting.

**Animation:**

None

## 3.2 Overview (Collaboration)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Collaboration → Overview

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC Overview”
- ePIC 101 page: Organization Overview (simple words), what which board is doing, what WG, what are DSCs, where to find what etc. Statement on diversity etc., Useful links. A reasonable example is: <https://alice-collaboration.web.cern.ch/general-information> at least in spirit. Do not overload with too many details that are found elsewhere.
- Organization charts

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~1/year

**Design/Responsibility:**

Overall design by ePIC web programmer with the help of ePIC management

**Animation:**

None

### 3.3 Phone Book (Collaboration)

**Related Menu Item/Link:**

Collaboration → Phone Book

**Style:**

Link

**Description:**

Link to the ePIC phone book. The phone book is a separate project supported by SDCC and filled by CC chair

**Access Control:**

Restricted to collaborators. European countries are sensitive to privacy protection. The public does not need to know the details of each collaborator and our theory colleagues know quite well whom to contact.

**Update Frequency:**

never

**Design/Responsibility:**

Webmaster/CC chair

**Animation:**

None

## 3.4 Coming to BNL (Collaboration)

*This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.*

**Related Menu Item/Link:**

Collaboration → Coming to BNL

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “Coming to BNL”
- This is an important page and needs to be written carefully. There is no place at BNL where all this is collected for our needs. Many people need to work together to make this useful. It should aid in planning the trip to BNL and staying safely at BNL.
  - Guest registration, hosts
  - Courses to be taken (all and special tasks)
  - Safety documents (links)
  - Where to stay?
  - Where to eat?
  - Where can I print?
  - What meeting rooms are available?
  - Offices
  - Site maps
  - What to do on your first day (whom to see)
  - Pictures of people to see (admins, TC, personnel responsible for safety)
  - Lab spaces
  - Emergency phone numbers
  - How to request invitation letters

This will grow as people encounter problems that they were not aware off.

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~1/month, as needed, with any regulation change.

**Design/Responsibility:**

ePIC admins, Technical Coordinator

**Animation:**

None

## 3.5 Calendar (Collaboration)

**Related Menu Item/Link:**

Collaboration → Calendar

**Style:**

Link: <https://indico.bnl.gov/category/402/calendar>

**Description:**

Link to the Indico calendar. This lists all meetings under the ePIC category (402). This should be sufficient since most meetings are listed in Indico.

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

never

**Design/Responsibility:**

Webmaster

**Animation:**

None

## 3.6 Early Career (Collaboration)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Collaboration → Early Career

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC Early Career Members”
- Text detailing:
  - Definition of Early Career Member in ePIC (years since PhD etc.)
  - Representation in ePIC (EC member representation in CC and other committees). Name, email, pictures, terms
  - Mailing lists
  - Meetings of EC members
  - Useful links
  - Optional: surveys, voting information, etc

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~4/year

**Design/Responsibility:**

ePIC Council Early Career Representatives

**Animation:**

None

**Note:** *In recent times the name “Early Career Members” is used in the US instead of “Junior”. If this is the choice of the collaboration, we leave as is. Junior is shorter for web purposes.*

## 3.7 Outreach (Collaboration)

PENDING – Prepare but do not install yet - delayed

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Collaboration → Outreach

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC Outreach Program”
- Text: List people of outreach committee/group, mailing lists, and current outreach efforts
- Collection of materials that can be used for outreach purposes in schools, universities, BNL Summer Sundays etc.

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~1/m

**Design/Responsibility:**

ePIC Outreach Committee/Group

**Animation:**

None

## 3.8 Diversity Office (Collaboration)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Collaboration → Diversity Office

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC Diversity Office”
- Text:
  - Mission statement/mandate/scope
  - List people of DEI committee, names, pictures, emails
  - Whom to contact in case ...
  - List of DEI events
  - Optional: surveys
  - Useful links

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~4/year

**Design/Responsibility:**

ePIC DEI committee

**Animation:**

None

## 3.9 Committees (Collaboration)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Collaboration → Committees

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC Committees”
- Text:
  - List (table) of all committees in place in ePIC (even if they have their own page and are listed elsewhere)
  - For each Committee:
    - Mission statement (brief)
    - Mailing list, Indico page, Mattermost (where available)
    - Contact address
    - Committee members (indicate chair) as well as term start and term end
  - Do this for the following Committees
    - Executive Board
    - Election Committee
    - Membership Committee
    - Talks Committee
    - Publication Committee
    - DEI Committee
    - Outreach Committee
    - <whatever committee is formed>
    - Alumni (IMPORTANT for careers): May be last item at the end. List people that rotated out and their terms

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~4/year

**Design/Responsibility:**

ePIC web master and all listed Committee chairs

**Animation:** None

## **3.10 Collaboration Council (Collaboration)**

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Collaboration → Collaboration Council

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC Collaboration Council”
- Text:
  - About the Council (Take description from Charter)
  - Chairs and deputy chair, term and contact emails
  - Up-to-date charter and bylaws
  - Meeting announcements
  - Minuits
  - Links to election forms, upcoming elections etc.
  - Whatever the CC chair sees fit

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~1/m

**Design/Responsibility:**

ePIC CC chair

**Animation:**

None

## 3.11 Collaborative Tools (Collaboration)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Collaboration → Collaborative Tools

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC Collaborative Tools”
- Text:
  - One paragraph for each tool: What it is, how to sign up, access rules etc
  - Tools (so far)
    - Indico & Indico Calendar
    - ePIC mailing lists (list of all mailing lists plus short description).
    - Mattermost
    - DocDBLike
    - WikiMediaLike
    - ZOOM
    - Overleaf (BNL)
    - Dropbox/BNLBox (?)

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~2/y

**Design/Responsibility:**

ePIC webmaster

**Animation:**

None

## [3.12 Inclusive \(Physics\)](#)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Physics → Inclusive

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “Inclusive Physics Working Group”
- Text:
  - Mission statement/Charge
  - Conveners & emails
  - Mailing lists, Indico, Mattermost, WikiMediaLike Area, Meeting times
  - Useful links
  - List of previous conveners
  - Optional: Whatever the conveners see fit

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~2/y

**Design/Responsibility:**

Referring working group convener

**Animation:**

None

## [3.13 Semi-Inclusive \(Physics\)](#)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Physics → Semi-Inclusive

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “Semi-Inclusive Physics Working Group”
- Text:
  - Mission statement/Charge
  - Convener names & emails
  - Mailing lists, Indico, Mattermost, WikiMediaLike Area, Meeting times
  - Useful links
  - List of previous conveners
  - Optional: Whatever the conveners see fit

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~2/y

**Design/Responsibility:**

Referring working group convener

**Animation:**

None

## 3.14 Exclusive & Diffraction (Physics)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Physics → Exclusive & Diffraction

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “Exclusive & Diffractive Physics Working Group”
- Text:
  - Mission statement/Charge
  - Conveners & emails
  - Mailing lists, Indico, Mattermost, WikiMediaLike Area, Meeting times
  - Useful links
  - List of previous conveners
  - Optional: Whatever the conveners see fit

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~2/y

**Design/Responsibility:**

Referring working group convener

**Animation:**

None

## [3.15 Jets & Heavy Flavor \(Physics\)](#)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Physics → Jets & Heavy Flavor

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “Jets & Heavy Flavor Physics Working Group”
- Text:
  - Mission statement/Charge
  - Conveners & emails
  - Mailing lists, Indico, Mattermost, WikiMediaLike Area, Meeting times
  - Useful links
  - List of previous conveners
  - Optional: Whatever the conveners see fit

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~2/y

**Design/Responsibility:**

Referring working group convener

**Animation:**

None

## 3.16 BSM & EW (Physics)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Physics → BSM & EW

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “BSM & EW Physics Working Group”
- Text:
  - Mission statement/Charge
  - Conveners & emails
  - Mailing lists, Indico, Mattermost, WikiMediaLike Area, Meeting times
  - Useful links
  - List of previous conveners
  - Optional: Whatever the conveners see fit

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~2/y

**Design/Responsibility:**

Referring working group convener

**Animation:**

None

## [3.17 Analysis Coordination \(Physics\)](#)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Physics → Analysis Coordination

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC Analysis Coordination”
- Text:
  - Mission statement/Charge
  - Analysis Coordinators, photos and email
  - Mailing lists, Indico, Mattermost, WikiMediaLike Area (if available)
  - Who is doing what in the Physics WG
  - Useful links
  - List of previous conveners
  - Optional: Whatever the conveners see fit
    - Simulation runs, definitions, etc
    - Papers in the queue

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~1/m

**Design/Responsibility:**

Analysis Coordinators

**Animation:**

None

## 3.18 Technical Coordination (Detector)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Detector → Technical Coordination

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC Technical Coordination”
- Text:
  - Mission statement/Charge
  - Name, email, picture of Technical Coordinator and Deputy (if exist)
  - Mailing lists, Indico, Mattermost, WikiMediaLike Area (if available)
  - Useful links (for example link to 3.4 or to Publications ->Technical Docs
  - Optional: Whatever the TC sees fit

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~1/w during construction (?) unless most load goes to WikiMediaLike

**Design/Responsibility:**

Technical Coordinator

**Animation:**

None

## 3.19 DSCs (Detector)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

### **Related Menu Item/Link:**

Detector → DSCs

### **Style:**

Single web page initially with the list/table of DSCs and their info. As time goes by and on request DSCs can have their own page that is linked from their entry in the table.

### **Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC Detector Subsystem Collaborations”
- Body:
  - List/Table with entries for each DSCs.
    - Name
    - DSCL name, email
    - DSCTC name, email (can be same as DSCL)
    - Mailing list
    - Indico
    - Mattermost (if available)
    - WikiMediaLike pages
  - For DSCs see [https://wiki.bnl.gov/EPIC/index.php/Collaboration#Detector\\_Subsystem\\_Collaborations](https://wiki.bnl.gov/EPIC/index.php/Collaboration#Detector_Subsystem_Collaborations)

### **Access Control:**

Restricted to collaborators.

### **Update Frequency:**

~1/y - expect most load going to WikiMediaLike

### **Design/Responsibility:**

ePIC webmaster and DSCLs

### **Animation:**

None

## 3.20 Cross-Cutting WGs (Detector)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

### **Related Menu Item/Link:**

Detector → Cross-Cutting WG

### **Style:**

Single web page initially with the list/table of Cross-Cutting WGs and their info. As time goes by and on request WGs can have their own page that is linked from their entry in the table.

### **Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC Cross-Cutting Working Groups”
- Body:
  - List/Table with entries for each WG.
    - Name
    - conveners name, email
    - Mailing list
    - Indico
    - Mattermost (if available)
    - WikiMediaLike pages
  - For WGs see: [https://wiki.bnl.gov/EPIC/index.php/Collaboration#Cross-Cutting\\_Working\\_Groups](https://wiki.bnl.gov/EPIC/index.php/Collaboration#Cross-Cutting_Working_Groups)

### **Access Control:**

Restricted to collaborators.

### **Update Frequency:**

~1/y - expect most load going to WikiMediaLike

### **Design/Responsibility:**

ePIC webmaster and Conveners

### **Animation:**

None

## 3.21 Overview (S&C)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

S&C → Overview

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC Software & Computing Overview”
- Body:
  - Overview of S&C in ePIC.
  - Organization and Working groups with respective convener names and contacts
  - Useful links
  - Mailing lists, Mattermost, WikiMediaLike, Indico etc.

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~4/y

**Design/Responsibility:**

S&C Coordinator(s)

**Animation:**

None

## 3.22 Tutorials (S&C)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

S&C → Tutorials

**Style:**

Single web page or (optional) linked sub web pages if needed

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC Software & Computing Tutorials”
- Body:
  - How to get started. This is the page newcomers should visit and find all tutorials and info needed to get started. The layout of this page is in the hands of the S&C group.
  - Courses, when and where
  - How to get help
- *Note: One could assume that, like for the Detectors, this part has long lived static pages with links to WikiMediaLike pages that allow for more dynamics. So either fast and dynamic with frequent updates and all entailed or minimal design with links to more dynamical structures in Wiki. Please no 3rd path (own web site) for S&C.*

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~2/month

**Design/Responsibility:**

S&C Coordinator(s)

**Animation:**

None

## 3.23 Reconstruction (S&C)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

S&C → Reconstruction

**Style:**

Single web page or (optional) linked sub web pages if needed.

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC Reconstruction Software”
- Body:
  - Documentation, links and more related to data reconstruction
  - Link to ACTS and other external documentation
- *Note: One could assume that, like for the Detectors, this part has long lived static pages with links to WikiMediaLike pages that allow for more dynamics. So either fast and dynamic with frequent updates and all entailed or minimal design with links to more dynamical structures in Wiki. Please no 3rd path (own web site) for S&C.*

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~2/month

**Design/Responsibility:**

S&C Coordinator(s)

**Animation:**

None

## 3.24 Simulations (S&C)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

S&C → Simulations

**Style:**

Single web page or (optional) linked sub web pages if needed.

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC Simulation Software”
- Body:
  - Documentation, links and more related to physics generators and detector simulations
- *Note: One could assume that, like for the Detectors, this part has long lived static pages with links to WikiMediaLike pages that allow for more dynamics. So either fast and dynamic with frequent updates and all entailed or minimal design with links to more dynamical structures in Wiki. Please no 3rd path (own web site) for S&C.*

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~2/month

**Design/Responsibility:**

S&C Coordinator(s)

**Animation:**

None

## 3.25 Projects (S&C)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

S&C → Projects

**Style:**

Single web page or (optional) linked sub web pages if needed.

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC S&C Projects”
- Body:
  - *List of Efforts/Task Forces etc related to S&C/Detector/Physics that can (or not) have a limited time of existence but are documented here*
    - *Background Simulations*
    - *Calibration*
    - *Electron Finder*
    - *...*
  - *Each possible with contact persons and links to WikiMediaLike, Indico etc*

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~2/month

**Design/Responsibility:**

Project/Task Force leaders S&C Coordinator(s)

**Animation:**

None

## 3.26 Resources (S&C)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

S&C → Resources

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC S&C Resources”
- Body:
  - *List of computing resources accessible to collaborators with link to how to get account etc*
  - *Table/Summary of overall computing resources at ePICs disposable with description, storage, cores, etc. including Cloud/Grid computing*
  - *Contact for groups that want to contribute resources*

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~2/month

**Design/Responsibility:**

Computing Coordinator(s)

**Animation:**

None

## 3.27 ePIC Meetings (Meetings)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Meetings → ePIC Meetings

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC Meetings”
- Body:
  - List (table) of upcoming and past Collaboration Meetings (multiday) or other Major General Meetings. Main Meetings only. Link to referring Indico page if available. These meetings are central and hard to dig out of Indico. Having them separate helps keeping track and is useful for planning purposes.

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~1/month

**Design/Responsibility:**

ePIC webmaster & management

**Animation:**

None

## **3.28 Conferences (Meetings)**

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Meetings → Conferences

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “Conferences and Workshops of Interest”
- Body:
  - Upcoming meeting of interest for ePIC - ePIC talks open and assigned (list of speakers) with links to talks (ePIC DB)
  - This page is “owned” by the ePIC Talks Committee

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~1/week

**Design/Responsibility:**

ePIC Talks Committee

**Animation:**

None

## **3.29 Reviews (Meetings)**

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Meetings → Reviews

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC Reviews”
- Body:
  - List of ePIC related Reviews (DOE/Project/Internal)
  - Link to charge and review committee if available
  - Pointer to Indico when available

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~1/week

**Design/Responsibility:**

ePIC management, Technical and Analysis Coordinators

**Animation:**

None

## 3.30 Papers (Publications)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Publications → Papers

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC Published Papers”
- Body:
  - List of published or submitted papers + meta data (paper committees, link to analysis notes, INSPIRE entry, arXiv etc.)
  - Many praise the H1 way of doing this at [https://www-h1.desy.de/publications/H1publication.short\\_list.html](https://www-h1.desy.de/publications/H1publication.short_list.html) (not so much the “look” but the way it is done)
  - The published version of each paper should be kept in DocDBLike and linked here.

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~1/month in early days, more frequent once data taking starts

**Design/Responsibility:**

Publication Committee, Technical and Analysis Coordinators

**Animation:**

None

## 3.31 Analysis Notes (Publications)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Publications → Analysis Notes

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC Analysis Notes”
- Body:
  - List of analysis notes: title, date, authors
  - Link to paper if direct connection
  - Original should be kept in DocDBLike

Note: keep a separate list of analysis notes here (certainly also linked from referring papers). There will be analysis notes that are unrelated to a specific paper, calibration notes, sys error evaluation, polarization etc., detector issues that apply to many if not all publications.

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~1/month in early days, more frequent once data taking starts

**Design/Responsibility:**

Publication Committee, Technical and Analysis Coordinators

**Animation:**

None

## 3.32 Thesis Repository (Publications)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Publications → Thesis Repository

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC Thesis Repository”
- Body:
  - List of thesis: title, date, University, author
  - Original should be kept in DocDBLike

**Note:** Important to keep local as thesis fade at universities over time and not everyone submits to arXiv (size!).

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~1/month in early days, more frequent once data taking starts

**Design/Responsibility:**

ePIC Webmaster and student supervisor/Institutional Rep. Might need oversight/nudge from management.

**Animation:**

None

## [3.33 Reports \(Publications\)](#)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Publications → Reports

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC Reports”
- Body:
  - List of TDR, CDR, LOI, Proposals, BUR, Reviewer reports
  - Date, authors, title etc.
  - Each entry has a link to version in DocDBLike

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~1/month in early days, more frequent once data taking starts

**Design/Responsibility:**

ePIC management, DSCLs, TC, AC

**Animation:**

None

## 3.34 Figure Repository (Publications)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Publications → Figure Repository

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC Figure Repository”
- Body:
  - Blessed figures & drawings that can be used in papers and talks
  - There should be a thumbnail that could be potentially serve as the link to the original pdf in DocDBLike. Each figure needs meta-data, i.e. from which paper it is etc. Possible when it was approved and if needed some explanation that makes it searchable on the page (date, paper (DOI?), caption (?))
  - [This page needs some skills to become truly useful.](#)
  - [Figures that are outdated should be removed and probably marked in DocDBLike as outdated](#)

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~1/week in early days, more frequent once data taking starts

**Design/Responsibility:**

ePIC management, DSCLs, TC, AC, Physics WG convener

**Animation:**

None

## 3.35 Photo Repository (Publications)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Publications → Photo Repository

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC Photo Repository”
- Body:
  - Blessed photos that can be used in papers and talks. Note that this includes photos not only of detectors but possible also of people. A blessed photo should be one where all visible on the photo gave their consent that this photo can be made public.
  - There should be a thumbnail that could be potentially serve as the link to the original photo possible in DocDBLike. Each figure needs meta-data, i.e., from when and where it is. Possible when it was approved and if needed some explanation that makes it searchable on the page. Also, explanation what it shows.
  - This page needs some skills to become truly useful.

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~1/month

**Design/Responsibility:**

ePIC management, DSCLs, TC, AC, Physics WG convener

**Animation:**

None

Note: on longer term this page also could also have the feature to allow the upload of photos.

## 3.36 Technical Docs (Publications)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Publications → Technical Docs

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC Technical Documents”
- Body:
  - Goes along with Detector → Technical Coordination but entails also material from Project, engineering data etc. This is important also when the project is completed and ePIC will need easy access to all info for all of its life time
  - All these documents should be of course stored in DocDBLike once they are final.
  - In a sense this should be an enhanced interface to DocDBLike with focus on technical documents and additional info, possibly links to referring WikiMediaLike pages etc.

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~1/month

**Design/Responsibility:**

DSCLs, TC, Project engineers

**Animation:**

None

**Note:** on longer term this page also could also have the feature to allow the upload of technical documents.

## 3.37 Author Tools (Publications)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Publications → Author Tools

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC Author Tools”
- Body:
  - Text for acknowledgement
  - official author list
  - overleaf licenses
  - ePIC logos, etc

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~1/month

**Design/Responsibility:**

Publication Committee

**Animation:**

None

## 3.38 Announcement and News (News)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Related Menu Item/Link:**

Publications → Author Tools

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “Announcement and News”
- Body:
  - Upcoming meetings, important reviews, personnel changes, elections, press good or bad, ...
  - This should be the only, dedicated place for this - if it’s not here it’s not news. Not on title slide or some committee site.

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~1/week

**Design/Responsibility:**

ePIC webmaster. Anyone with news should contact webmaster who will put it up. In doubt webmaster should contact management if OK.

**Animation:**

None

## 3.39 ePIC Newsletter (News)

PENDING – Prepare but do not install yet - delayed.

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

Note: this assumes ePIC will have a Newsletter. It is likely but right now there is none.

**Related Menu Item/Link:**

Publications → ePIC Newsletter

**Style:**

Single web page

**Content:**

- Navigation bar on top (see page 11)
- Visible title stating “ePIC Newsletters”
- Body:
  - List of all available ePIC Newsletter, most recent one first with release date
  - Originals to be stored in DocDBLike

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

~1/month

**Design/Responsibility:**

ePIC webmaster.

**Animation:**

None

## [3.40 ePIC in the Press \(News\)](#)

This page is part of the restricted collaboration web site and should have the navigation bar described on page 11.

**Note:** this assumes ePIC will have a Newsletter. It is likely but right now there is none.

**Related Menu Item/Link:**

Gateway (see 2) ➤ For the Public ➤ Media & Press

Collaboration Pages ➤ News ➤ ePIC in the press

**Style:**

Link to: 2.5 Media & Press (For the Public) in the Public Section

**Access Control:**

Restricted to collaborators.

**Update Frequency:**

never

**Design/Responsibility:**

ePIC webmaster.

**Animation:**

None

**End of Document**