ePIC Web Presence



ePIC Web Presence Group

- John, Silvia, Ernst, and Bernd have formed a small group to establish the initial web presence for ePIC Collaboration.
 - The web presence will include a website, phone book, and a document management system.
 - Existing software and infrastructure at host laboratories will be utilized as the foundation for the project.
 - Participation in the group is intended to be a short-term commitment with clear and well-defined goals.
- The efforts will have been divided into **four areas**:

Technical support (Maxim Potekhin): Implementation of the technical solutions and interface with the host labs, in particular with BNL.

Website design (Thomas Ullrich): The overall structure and navigation within the website and integration with external resources.

Document management (Peter Steinberg): An initial solution to archive talks, images, technical notes, etc. in a way that they can be easily accessed by the collaboration

User-centered design (Markus Diefenthaler): 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



- Starting with the EICUG Phonebook solution:
 - Requested from BNL SDCC
 - Need to tailored to collaboration needs (ongoing discussion).
- Exploring alternative technical solutions for future upgrades.

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Members	Jarda	a Adam jadam@bnl.gov Brookhaven National Laboratory			UNITED STATES	Experiment			
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- Even at this early stage of the ePIC collaboration, a document handling system is a necessity, not just a nicety
 - Detector systems, engineering documents, software designs, physics analysis notes, management policies
 - The collaboration needs it urgently now, and in every upcoming phase of the experiment, to organize
 information as well as a way to track contributions by individuals and institutions (i.e. to inform discussions
 of institutional contributions)
- An example: CERN collaborations are familiar with systems like CDS (CERN Document system) integrated into their workflows
 - Every document gets a unique, persistent URL: supports rich text, uploading extra figures etc.
 - Threaded comments are available essentially forever (CDS has documents that are decades old)
- "Document handling" is a part of a full system to manage the workflow of internal and public notes, papers and figures from ePIC - will require several pieces of infrastructure to be identified
 - "Phonebook", i.e. membership database, to keep track of who someone is, where they work, what contributions they have made to individual documents, etc.
 - Document management system, like CDS, to provide a unique location for the document and some aspects of its review process (e.g. comments, approvals, etc.)
 - A more comprehensive workflow management system (e.g. Glance, used by CERN experiments) that manages authors, committees, paper reviewers, links to drafts, submission to journals, etc.
- Unfortunately, CDS is at end-of-life, and the replacement system (InvenioRDM, based on Invenio) is not fully deployed yet
 - Test instances available at BNL, and some large collaborations (e.g. sPHENIX) are moving toward wider use
 - Should we be testing a similar system for ePIC even now, benefitting from the sPHENIX progress?
- How will ePIC progress toward the more comprehensive management system? Are there off the shelf products? Can the work of other labs be ported to operate at BNL and/or JLab?

Comments by Markus

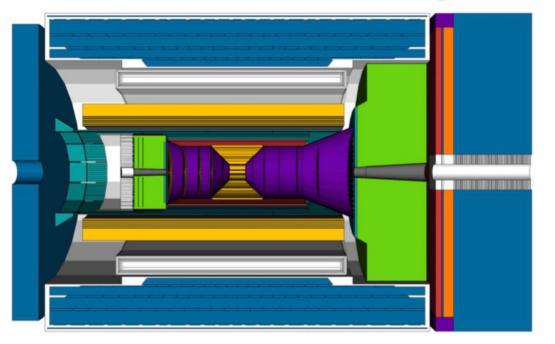
- Right now, we are using Indico...
- Follow up on requirements document Thomas and others compiled
- Discuss possible integration with document management system of EIC Project



Website

ePIC-logo For the Public For Collaborators

Welcome to the ePIC Home Page

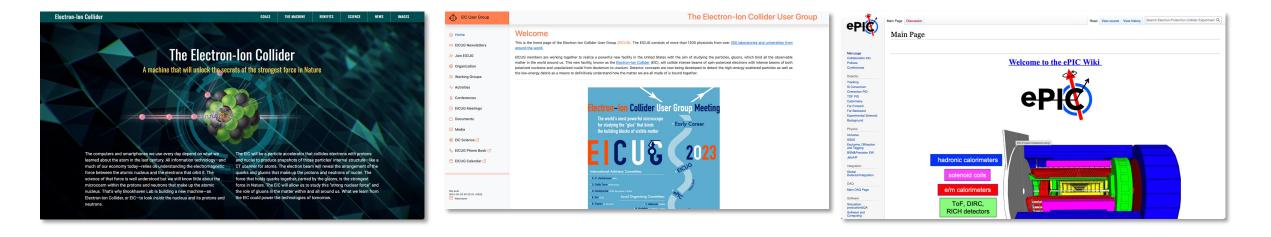


- Thomas worked on a mockup and compiled a comprehensive design document (54 pages) for the website, outlining its overall structure, content, navigation, and integration with external resources.
- Clear distinction between the web pages for the public, offering information about the ePIC experiment and our science, and the internal web pages exclusive to the collaboration members.
- Next step: Create a website that presents essential information for potential new collaboration members.

Have to have public website!



Website examples



WebpageGitHub PagesWiki• Not used by everyone,
• GitHub Pages for software
(best practice),• GitHub Pages for software
(best practice),• Define requirements for technologies for internal webpages.







ePIC Collaboration Meeting, July 28, 2023.