



IPPOG Database

EPPCN & IPPOG Joint Session

4 November, 2011-CERN

L. Mc Carthy

IPPOG Database



- The Concept
- The Content
- Current status
- Future plans

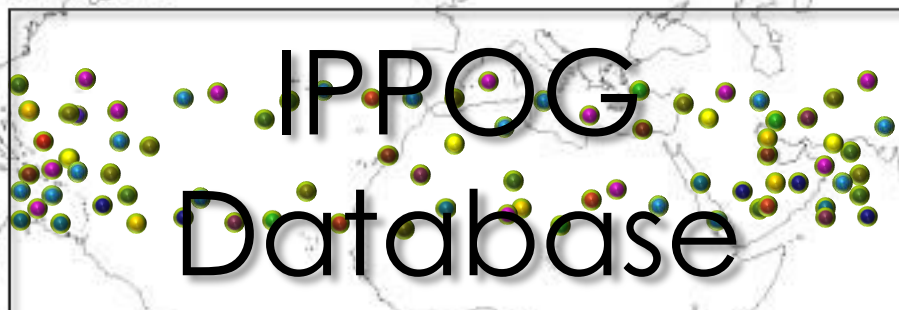
The Concept

Great ideas around the world...

Often remain isolated or “once offs” ...


And never reach others who could benefit from them or replicate them...

The Concept



The Concept

To facilitate the exchange of recommended tools, materials and templates for outreach and informal education for particle physics and related sciences...**Globally**



The Concept

Convenient

Finally, a resource pool!

Multiplier Effect

Ideas flourish...recommended practices adapted to new needs and contexts

The Concept

The Users

Anyone engaged in outreach and informal science education for particle physics (and related sciences)

- Physicists
- Science teachers & science explainers

The Concept

Currently using the Doc DB to store items

– widely used by many HEP experiments to store documents to which multiple files can be associated

Why Doc DB?

- Chosen for its flexibility
 - Accepts many file types
 - Can associate documents to each other
 - Topics are up to us

- Chosen for its powerful search

The Content

- Contains just under 300 documents
...and associated files
- Has a handful of external users
- Items are (slowly) but steadily going in

The Content



Use [Indico](#) for meetings, [CDS](#) for official papers, notes and photos and [EDMS](#) for engineering documents.

For anything else or if in doubt, use [DocDB](#).

Search by title, author, category or keywords

Search

[Advanced search](#)

Browse by: [author](#), [topic](#), [group](#), [see recent](#), [see all](#)

[Home](#)

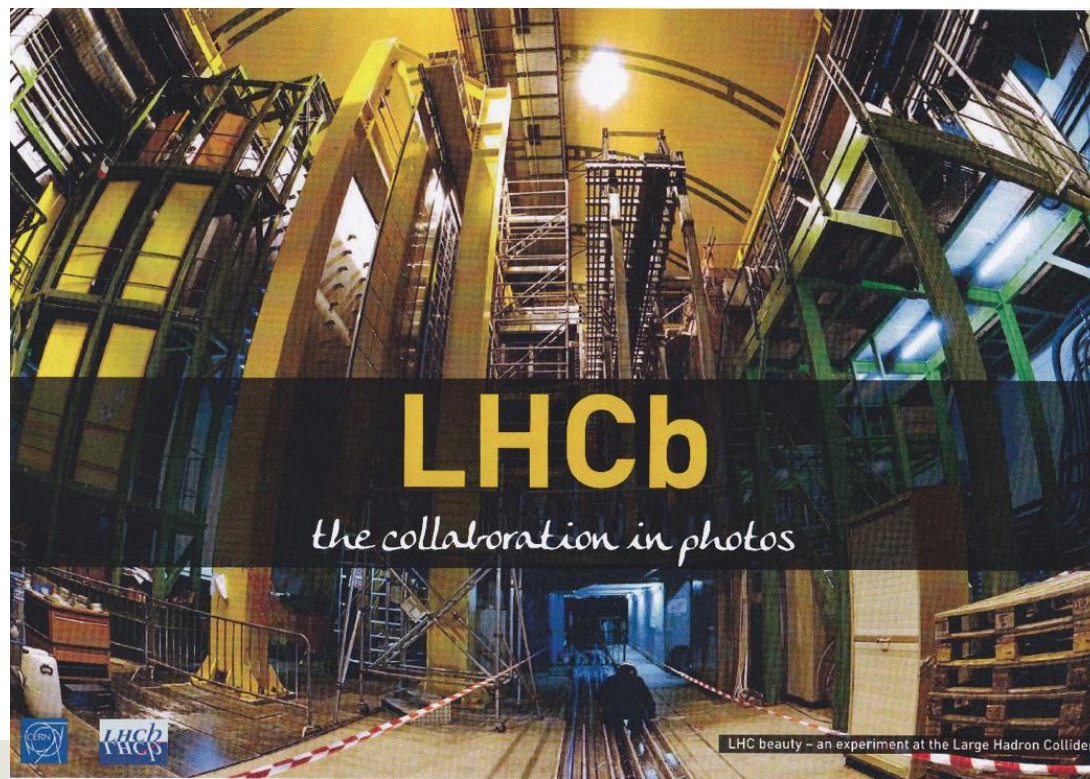
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All IPPOG Documents

IPPOG-doc-#	Title	Author(s)	Topic(s)	Last Updated
298-v1	CERN, LHC and the particle adventure	Bernhard Meirose	A. Item Type Presentations	03 Nov 2011
279-v2	IPPOG Brochure - September 2011	David Barney et al.	5. Educators of 15 - 18 year olds 6. Ages 18 - 25 years 6. Educators of 18 - 25 year olds 7. Ages 25 years+ English 7. Educators of 25+ year olds 5. Ages 15 - 18 years Brochures / Flyers / Leaflets	27 Oct 2011
295-v3	IPPOG talk for Como conference	David Barney	Presentations English c. 16-30 min	07 Oct 2011
296-v1	The Greater Impact of the LHC: What's in it for the rest of the world?	Steven Goldfarb	CERN-General 7. Ages 25 years+ ATLAS Language a. 0-5 min Duration ALICE Presentations Related Institution/Experiments Target Audience LHC e. 46-60 min Teachers / Educators English 7. Educators of 25+ year olds LHC	07 Oct 2011

The Content - Books

LHCb Photo Book



The Content - Books

IPPOG Document 230-v1

LHCb Photo Book

Document #:

IPPOG-doc-230-v1

Document type:

[New IPPOG Document](#)

Submitted by:

[Bolek Pietrzyk](#)

Updated by:

[Bolek Pietrzyk](#)

Document Created:

17 Feb 2011, 12:29

Contents Revised:

17 Feb 2011, 12:29

Metadata Revised:

28 Mar 2011, 16:03

[Update Document](#)

Abstract:**Purpose:**

To raise awareness of the LHCb Experiment on the Large Hadron Collider at CERN, Switzerland

Description:

Titled "LHCb - the Collaboration in Photos," this 77 page color photo book describes the LHCb experiment and its collaboration. Readers enjoy a straight forward written explanation with photos of how this international endeavor became a reality. Topics covered include how the idea for the experiment was born, design and laying the groundwork (the LHCb cavern), the LHCb detector's major parts and functions, experiment operations, and the historical experiment start-up. The book concludes with a chapter on how individuals can get involved in this cutting-edge adventure.

Published: Autumn 2010

Price: 10 CHF

Sales: Available from the LHCb Secretariat at CERN, Switzerland.

Copyright CERN, for the benefit of the LHCb collaboration, September 2010

The Content – Coaching for Scientists

Presenting Science

Presenting science

15 December 2010



Çigdem and Ken pose on the cover of their book, Ken wearing an ATLAS tie!

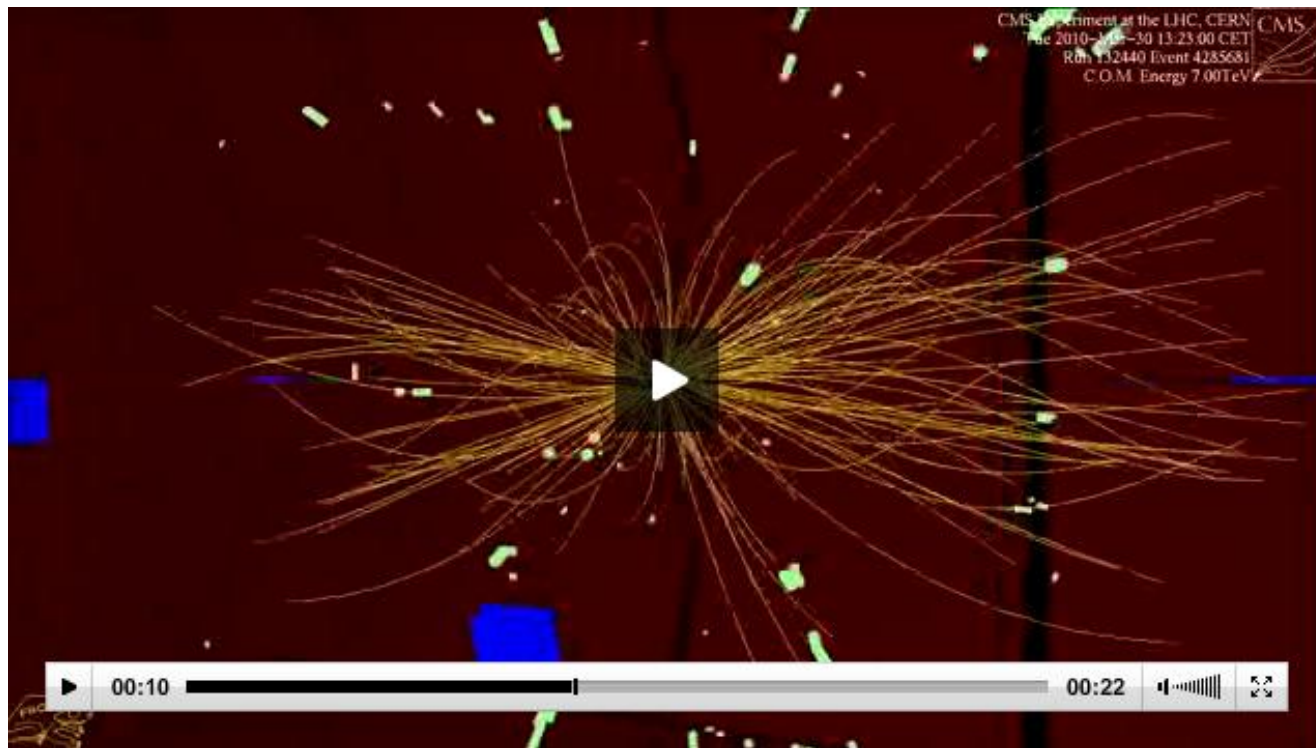
The Content – Exhibits

Die Weltmaschine “Sand Boxes”



The Content - Animations

CMS Animation- 30 March, 2011



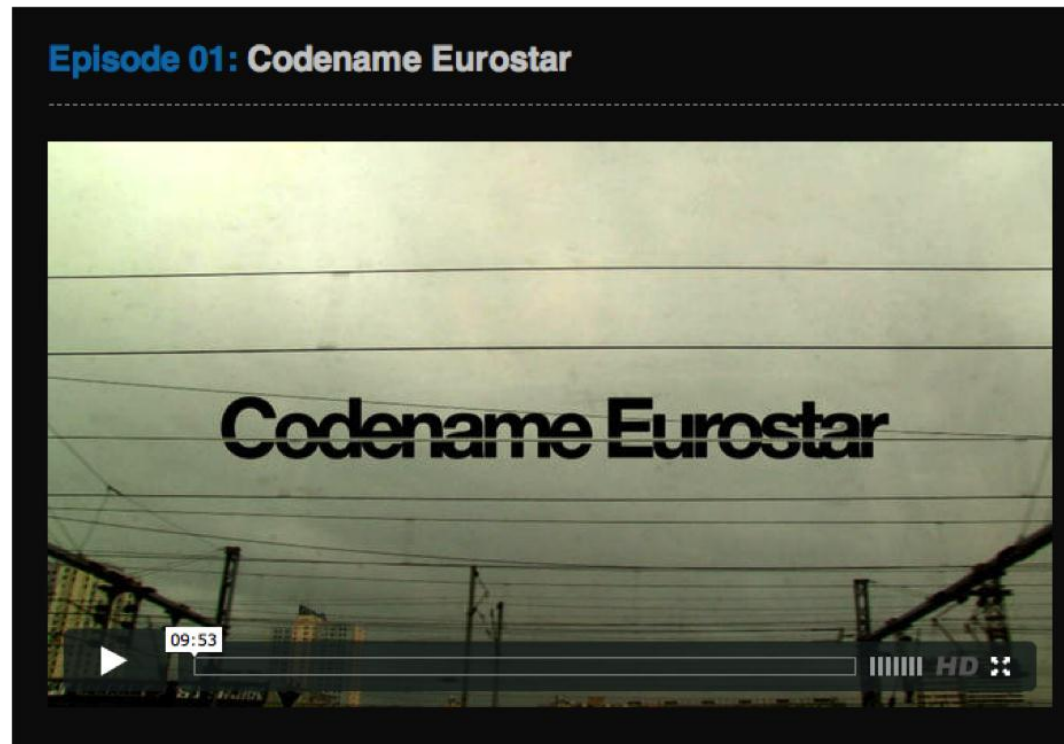
The Content – Events

Physics Slam



The Content – Educational Kits

Colliding Particles Video Series



The Content – Educational Kits

Colliding Particles Video Series

Referenced by:

- IPPOG-doc-212: [Colliding Particles - Episode 6: Beam](#)
- IPPOG-doc-215: [Colliding Particles - Episode 7: Data](#)
- IPPOG-doc-208: [Colliding Particles - Episode 2: Big Bang Day](#)
- IPPOG-doc-211: [Colliding Particles - Episode 5: Collidonomics](#)
- IPPOG-doc-209: [Colliding Particles - Episode 3: Conference Season](#)
- IPPOG-doc-210: [Colliding Particles - Episode 4: Problems](#)
- IPPOG-doc-22: [Colliding Particles - Hunting the Higgs](#)

Publication Information:

<http://www.collidingparticles.com/episode01.html>

Current Status

Some Challenges to current system

- ❑ Lack of “reporting” capability
- ❑ No thumbnails
- ❑ No automatic file conversion
- ❑ Storage limit prohibitive
- ❑ No way to see how many hits
- ❑ No way to link contact person’s info with entries
- ❑ Interface not very attractive

Current Status

Proposed Solutions

- Migrate to CERN's CDS (many features available!)
- Build new IPPOG Website, create new on-line interface

Future Plans

New IPPOG Website / Database Interface

- Now working with consultant recommended by CERN's Communication Group: Linalis Consulting
- Consultant will build basic structure of website using Drupal
- Handover: Train us on how to use Drupal, to edit content & maintain site
- CERN's Education Group intern involved in this process
- Have access to visiting teachers at CERN!



International Particle Physics Outreach Group

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- [Community](#)
- [About](#)
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Latest Articles / Featured



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Refresh the view or Latest or featured

Title


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IPPOG Website
<http://IPPOG.cern.ch>

European Laboratory for Particle Physics

 International Particle Physics Outreach Group

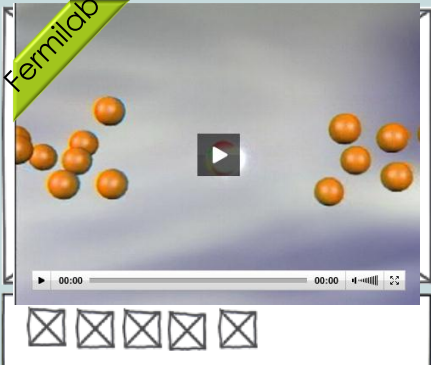
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Home > Catalog > Documents > CERN - LHC and the particle adventure [Download ALL](#) ↓

CERN, LHC and the Particle Adventure

Catalog

- BY themes
- BY Audience
- BY types
- FAQ



Credits

Audience

Tags:
tagA, Tag2, Tag3,
TagJ

Rankings
★★★★★


Language


Information **Resources**

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Comments

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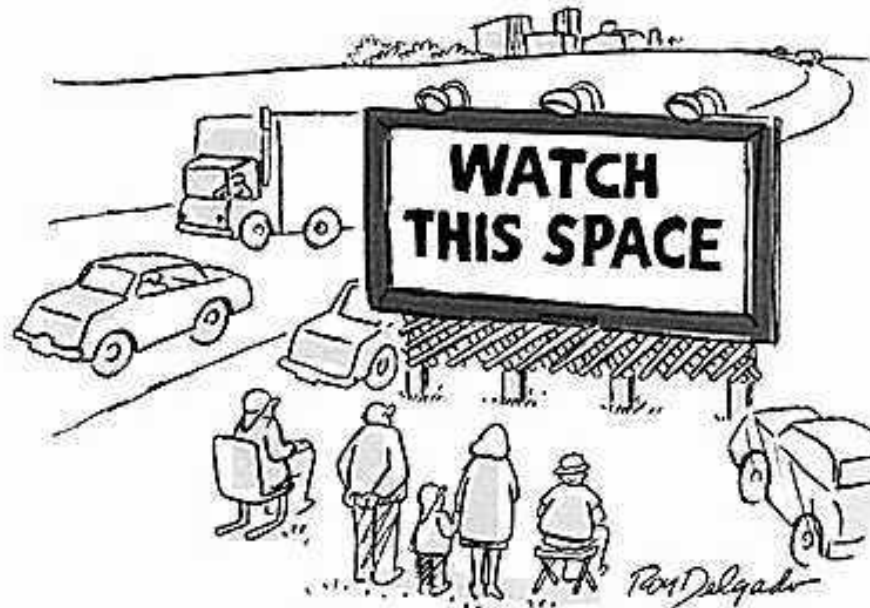
Home	Catalog	Masterclasses	Community	About	members 
	By Theme	Item 1	Item 1	Item 1	Item 1
	By Audience	Item 2	Item 2	Item 2	Item 2



Main Page for Database...

Wireframe still to come.

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Next Steps

1. Continue working with consultant to create website & new interface
2. Form IPPOG Working Group to
 - Solicit more feedback from scientists, educators/science explainers & test new interface
 - Give Database a good name!
 - Launch website and interface
3. Encourage continued contribution and feedback on database

