

International Particle Physics Outreach Group

IPPOG new webpages & RDB

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Coordination Assistant

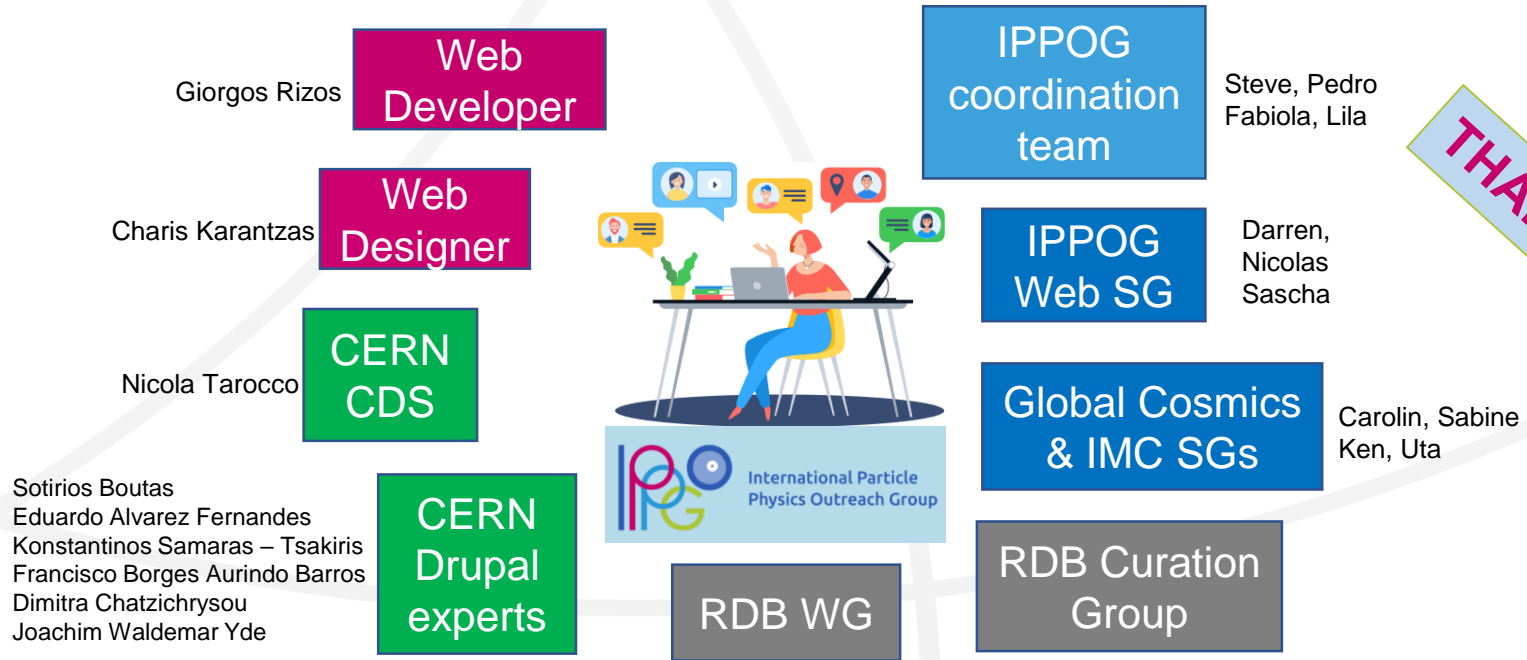


Outline

- ❑ Reminder from last IPPOG meeting
- ❑ Technical developments
- ❑ Content updates
- ❑ Members and people data
- ❑ Resource Database
- ❑ Status / Plan
- ❑ Call for input from IPPOG

IPPOG Web and RDB Project Management

Coordination of big team of independent stakeholders



Tedious and detailed process – iteration sprints

Design and web development (company BLIND)

37 Progress Reports: ~ 50 items and 3+ iterations each
=> ~ **6000** issues resolved

RDB

- Curation (RDB groups)
- Metadata - CDS interface
- CDS - Drupal interface



CERN Service Portal

~ 30 tickets opened,
often ~ 20 iterations to resolve

Lot of surprises. Always expect the unexpected 😊

Reminder

Status of Web and RDB in November 2021

- **WEBSITE** – texts, images, data to be finalised
- **Global Cosmics Portal** – simple version to be elaborated in 2022
- **RDB** – curation finished, still huge job with metadata and technically
- **IMC** – next year

DELTA-TESTING LAUNCHED

Reminder

IPPOG's INPUT requested in November 2021

- Give feedback on website content only (DELTA-TESTING)

No feedback = ALL happy 😊

- Finalise All Member's data
- IPPOG News and Events content
- CDS uploads (photos, publications, conference materials...)
- Internal pages: Working Groups, Steering Groups, Committees
- Photos suitable for website

Data still missing 😞

Evolution since November 2021

TECHNICAL ISSUES

- ❑ Moving to Drupal 9: modules updates, new CERN web interface
 - not straightforward, several trials – errors, several iterations
 - transition in several time-consuming phases
 - now OK both old and new website
- ❑ RDB and CDS: non-trivial
 - Metadata preparation for CDS (Lila)
 - CDS - Drupal interface finalisation

Evolution since November 2021

CONTENT ISSUES

- All texts: updated and corrected by chairs
- News and events: created by Fabiola
- Images: OK
- Gallery: several albums filled, more images welcome!
- Member's data: updated all available data
- Internal pages: (WGs, SGs, Committees, Publications)

Help from Fabiola

Your data requested

Your data requested

Your data requested

IPPOG's Members Information



Google excel sheet

IPPOG website members input										
	Member	Picture	Bio (EN)	Contact details (EN)	Member description (EN)	Forum nominations	Resource websites	Bio (local language)	Contact details (local language)	Member description (local language)
Labs	CERN	ok	ok	ok	ok	ok	ok	NA	NA	NA
	ALICE	ok	ok	ok	ok	ok	ok	NA	NA	NA
	ATLAS	ok	ok	ok	ok	ok	ok	NA	NA	NA
	Belle II	ok	ok	ok	ok	ok	ok	ok	ok	ok
	CMS	ok	ok	ok	ok	ok	ok	NA	NA	NA
Associate M.	HRWK	ok	ok	ok	ok	ok	ok	Spanish?	Spanish?	Spanish?
	LHCb	ok	ok	ok	ok	ok	ok	NA	NA	NA
Countries	DESY	ok	ok	ok	ok	ok	ok	NA	NA	NA
	ISIS	ok	ok	ok	ok	ok	ok	NA	ok	ok
	Australia	ok	ok	ok	ok	ok	ok	NA	NA	NA
	Austria	ok	ok	ok	ok	ok	ok	ok	ok	ok
	Belgium	ok	ok	ok	ok	ok	ok	ok	ok	ok



Representative Information FORM (Steve)

<https://test-ippog-d8-clean.web.cern.ch/form/representative-information>

Still some missing data

- Updated bio (+ local language)
- Member description (+ local language)
- National website with PP outreach material (if exists)
- Forum member nomination / endorsement

The screenshot shows a web form titled "Representative Information FORM" with the IPPOG logo at the top. The form fields include: "Member Category" (dropdown menu), "Name of Country / Experiment / Lab", "Name of Country / Experiment / Lab (in local language)", "Description of Country / Experiment / Lab", "Description of Country / Experiment / Lab (in local language)", "Representative Name", "Representative Email", "Representative Email" (repeated), "Confirm email", and "Image of representative" (file upload button). The form is partially filled out.

IPPOG's Members Information



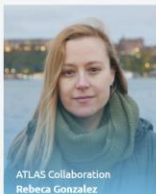
About Resources Activities News Events For IPPOGers

Members

Below are the representatives of IPPOG members.



ALICE Collaboration
Despina Hatzifotiadiou



ATLAS Collaboration
Rebeca Gonzalez



Australia
Paul Jackson



Austria
Natascha Hoermann



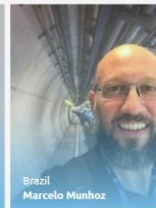
Belgium
Dirk Ryckbosch



Belgium
Gwenh  l De Wasseige



Belle II Collaboration
Zdenek Dolezal



Brazil
Marcelo Munhoz



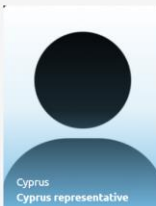
Bulgaria
Roumyana Mileva Hadjijska



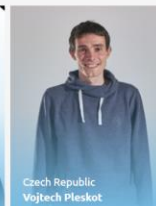
CERN
Ana Godinho



CMS Collaboration
Freya Blekman



Cyprus
Cyprus representative



Czech Republic
Vojtech Pleskot



Denmark
Ian Bearden



Finland
Sami Lehti



About Resources Activities News Events For IPPOGers

IPPOG

Members

France

Good example

Intro

In France, introducing young people and the general public to basic science (nuclear physics, physics of elementary particles, cosmology and astrophysics), the technological advances they require and their related applications (energy, health, etc.), is a key mission for the 25 CNRS/IN2P3 national research laboratories and platforms, and the CEA/IRFU. Our educational and outreach activities are carried out in close collaboration to teaching staff and take many forms: visit to laboratories, "masterclass" discovery days, teacher-training courses, loans of cosmic-ray detectors for use in classrooms, teaching aids, exhibitions, websites, virtual visits, audiovisual productions, books, etc.

Our goal: to give people a taste for science and physics

En France, la diffusion vers les jeunes (  lves ou   tudiants) et le grand public de branches de la recherche fondamentale (physique nucl  aire, physique des particules, cosmologie et astrophysique), des avanc  es technologiques qu'elles n  cessitent et de leurs applications soci  tales (dans le domaine de l'  nergie, de la sant  , etc.) est une mission clef des 25 laboratoires de recherche et plateformes nationaux du CNRS/IN2P3 et du CEA/IRFU. Nos activit  s p  dagogiques et de

Details

JOINED: 2016
CURRENT STATUS: MEMBER

LOCAL RESOURCES WEBSITE(S)

CNRS/IN2P3 Outreach and Communication Page

JOINED: 2016
CURRENT STATUS: MEMBER

Representative



Nicolas Arnaud

After earning a PhD in the Virgo experiment (direct detection of gravitational waves) and spending a year as a CERN fellow with the LHCb collaboration, Nicolas joined the Centre National de la Recherche Scientifique (IN2P3/CNRS) in Orsay as a staff physicist. He then began working on the BaBar experiment and for this spent four years at SLAC in California. Upon returning to France in 2009, he got involved in SuperB, the Italian-based project of a new generation super flavour factory, until that endeavor got terminated due to lack of funding. Then Nicolas has joined the Virgo collaboration again where he has enjoyed contributing to the discoveries of gravitational waves since 2015. He is currently chairing the detector characterization and data quality group.

Nicolas has always been interested in outreach activities: lab visits for students, teachers and the general audience, exhibits, and more. The two main projects he has been a part of are 'El  mentaire' or 'Elementary', an outreach magazine about particle physics and the book 'Passport pour les deux infinis' ('Passport for the two infinities') which provides a general audience with up-to-date information about two major research fields: the infinitely small (nuclear and particle physics) and the infinitely large (astronomy, some astrophysics and cosmology). Since 2012, Nicolas has been co-coordinating the yearly French Teacher Programmes at CERN. Nicolas is also involved in the Masterclasses "hands on particle physics": he is member of their steering committee and is coordinating French sessions since 2010.

"Outreach is not just an 'extra' to scientific and technical activities; it is truly an essential part of them."

Physicist, in charge of outreach and education activities in the CNRS/IN2P3 communication team
Laboratoire de Physique des 2 infinis Ir  ne Joliot-Curie - IJCLab
B  t. 100, 15 rue Georges Cl  menceau, 91405 Orsay cedex
UMR9012 - CNRS / Universit   Paris-Saclay / Universit   de Paris
European Gravitational Observatory

Apr  s avoir obtenu son doctorat dans l'exp  rience Virgo (d  tection directe des ondes gravitationnelles) et avoir pass   un an au CERN comme fellow dans l'exp  rience LHCb, Nicolas est entr   au Centre National de la Recherche Scientifique (CNRS/IN2P3)    Orsay comme chercheur. Il a ensuite travaill   dans l'exp  rience BaBar, passant en particulier quatre ans au laboratoire SLAC en Californie. Une fois rentr   en France, il a   t   impliqu   dans SuperB, un projet de super-usine    saveurs de nouvelle g  n  ration qui aurait d     tre construit en Italie. Ce projet a finalement   t   interrompu, faute de financement.

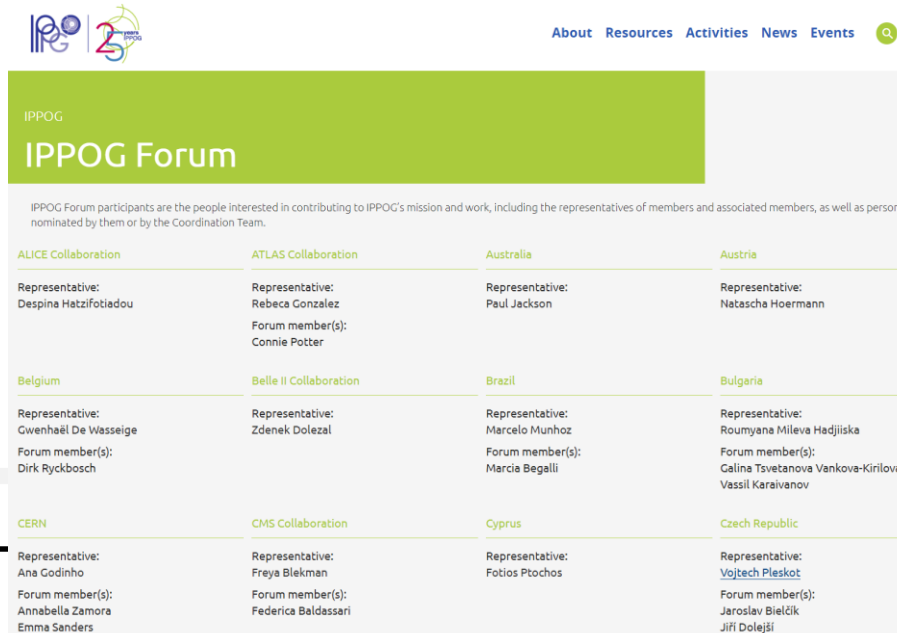


IPPOG's Forum New Concept

- ❑ IPPOG Forum members are officially associated to the IPPOG Members
- ❑ Appointed by IPPOG Member's Representatives
- ❑ Recognizing their contribution to IPPOG activities and their participation at IPPOG meetings

List of names:

- ❑ Member's representative
- ❑ Other Forum members
(in alphabetical order)



The screenshot shows the IPPOG Forum website. At the top, there are logos for IPPOG and CERN, and navigation links for About, Resources, Activities, News, and Events. Below the header, the text states: "IPPOG Forum participants are the people interested in contributing to IPPOG's mission and work, including the representatives of members and associated members, as well as persons nominated by them or by the Coordination Team." The main content is a grid of member information organized by country/collaboration:

ALICE Collaboration	ATLAS Collaboration	Australia	Austria
Representative: Despina Hatzifotiadou	Representative: Rebeca Gonzalez Forum member(s): Connie Potter	Representative: Paul Jackson	Representative: Natascha Hoermann
Belgium	Belle II Collaboration	Brazil	Bulgaria
Representative: Gwenhaél De Wasseige Forum member(s): Dirk Ryckbosch	Representative: Zdenek Dolezal	Representative: Marcelo Munhoz Forum member(s): Marcia Begelli	Representative: Roumyana Mileva Hadjijska Forum member(s): Galina Tsvetanova Vankova-Kirilova Vassil Karavandov
CERN	CMS Collaboration	Cyprus	Czech Republic
Representative: Ana Godinho Forum member(s): Annabelle Zamora Emma Sanders	Representative: Freye Blekman Forum member(s): Federica Baldassarri	Representative: Fotios Ptochos	Representative: Vojtech Pleskot Forum member(s): Jaroslav Bielečik Jiří Dolejší

IPPOG at CDS & IPPOG pages

The image shows two overlapping web pages. The left page is the CERN Document Server interface, and the right page is the IPPOG website. Blue arrows point from specific elements on the left page to corresponding elements on the right page. A yellow box with 'SUBMIT!!!' is placed over a list of document types on the left page, with an arrow pointing to the 'IPPOG Reports' section on the right page. Another yellow box with 'SUBMIT!!!' is placed over the 'IPPOG Photos' checkbox on the left page, with an arrow pointing to the 'IPPOG Portraits' section on the right page.

CERN Document Server

Search Submit Help Par

Home > International Collaborations > IPPOG

IPPOG

Search 118 records for:

Narrow by collection:

- IPPOG Documents (60)
- IPPOG Unapproved Documents (3) [restricted]
- IPPOG CB Matters (4) [restricted]
- IPPOG CB Matters Unapproved (0) [restricted]
- IPPOG Photos (40)
- IPPOG Unapproved Resources (1) [restricted]
- IPPOG Resources (10)

IPPOG Documents

Search 10 records for:

Collections by category Search

Add to Search +

IPPOG Documents

Browse by document type or use the search above.

- MOU and associated
- Annual reports
- Publications
- Conference Notes
- Conference Proceedings
- Conference Slides
- Posters
- Newsletters
- Public relations

SUBMIT!!!

Gallery

Masterclasses [VIEW MORE](#)

IPPOG members signatures [VIEW MORE](#)

International Particle Physics Outreach Group

About Resources Activities News Events For IPPOGers

For IPPOGers

IPPOG Collaboration Documents

IPPOG Reports

1. CB reports
2. Annual reports
3. Meeting reports

IPPOG Financial documents

IPPOG Committees and Advisory boards

IPPOG Steering Groups

IPPOG Working Groups

IPPOG at CDS

IPPOG Portraits

Latest Items

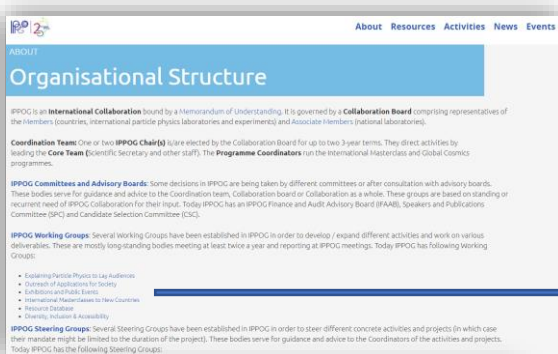
- Upcoming IPPOG meeting 19-21 May 2020
- Feedback on new IPPOG website requested
- Feedback to IMC website
- Contribute to collection of IPPOG resources
- Feedback on IPPOG Survey on physics education at schools
- Send your updated bio in english and language of the member you represent.
- Send the link of the website in your member's country dedicated to outreach and education in PP and related sciences.
- Send the description of IPPOG member you're representing in English and language of the member you represent.

Contact email

IPPOG new webpages & RDB

IPPOG Working Groups, Steering Groups, Committees

Directly accessible from:



ABOUT

Organisational Structure

IPPOG is an **International Collaboration** bound by a Memorandum of Understanding. It is governed by a **Collaboration Board** comprising representatives of the Members (countries, international particle physics laboratories and experiments) and Associate Members (national laboratories).

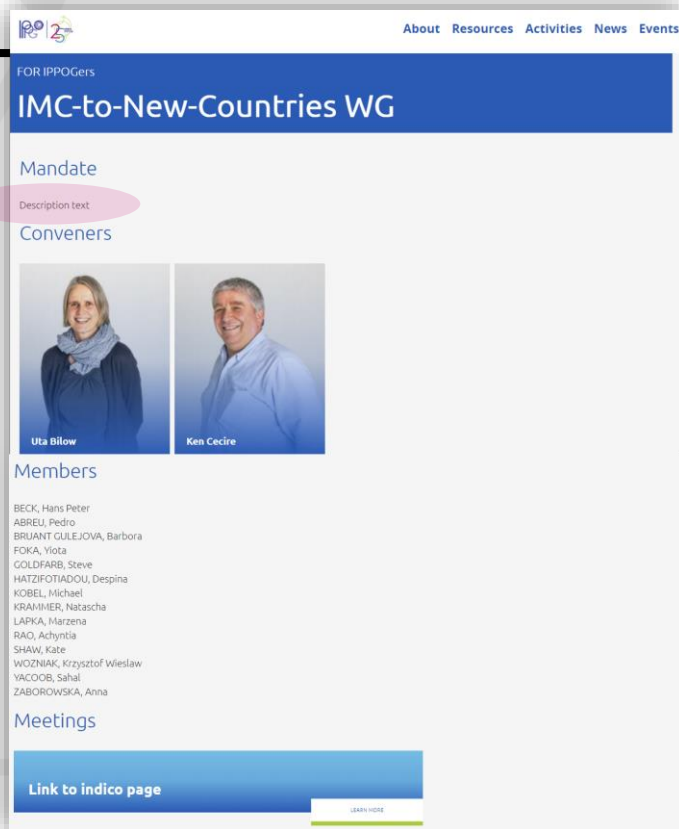
Coordination Team: One or two **IPPOG Chair(s)** is/are elected by the Collaboration Board for up to two 3 year terms. They direct activities by leading the **Core Team** (Scientific Secretary and other staff). The **Programme Coordinators** run the International Masterclass and Global Cosmics programmes.

IPPOG Committees and Advisory Boards: Some decisions in IPPOG are taken by different committees or after consultation with advisory boards. These bodies serve for guidance and advice to the Coordination team, Collaboration board or Collaboration as a whole. These groups are based on standing or recurrent need of IPPOG Collaboration for their input. Today IPPOG has an IPPOG Finance and Audit Advisory Board (IFAAAB), Speakers and Publications Committee (SPC) and Candidate Selection Committee (CSC).

IPPOG Working Groups: Several Working Groups have been established in IPPOG in order to develop / expand different activities and work on various deliverables. These are mostly long-standing bodies meeting at least twice a year and reporting at IPPOG meetings. Today IPPOG has following Working Groups:

- Enabling Particle Physics to Lay Audiences
- Outreach of Applications for Society
- Exhibitions and Public Events
- International Masterclasses to New Countries
- Resource Database
- Scientific Inclusion & Accessibility

IPPOG Steering Groups: Several Steering Groups have been established in IPPOG in order to steer different concrete activities and projects (in which case their mandate might be limited to the duration of the project). These bodies serve for guidance and advice to the Coordinators of the activities and projects. Today IPPOG has the following Steering Groups:




FOR IPPOGers

IMC-to-New-Countries WG

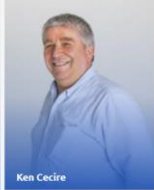
Mandate

Description text

Conveners



Uta Bilow



Ken Cecire

Members

BECK, Hans Peter
ABREU, Pedro
BRUANT GULEJOVA, Barbora
FOKA, Ylota
GOLDFARB, Steve
HATZIFOTIADOU, Despina
KOBEL, Michael
KRAHMHER, Natascha
LAPKA, Marzena
RAO, Achynbä
SHAW, Kate
WJONIAK, Krzysztof Wieslaw
VACCOS, Sahal
ZABOROWSKA, Anna

Meetings

Link to indico page

LEARN MORE

WG & SG & Committees CONVENERS:

- Check
- Provide updates
- You'll get edit rights! 😊

IPPOG Resource Database Challenges

DATA PREPARATION

- ❑ Curation of existing / “old” items: 180 from 370 (RDB Curation Group) 👍
- ❑ Collection and curation of new / up-to-date best items: 80 from 120 (RDB WG) 👍
- ❑ Metadata preparation: from curation tool (Kukarika) to excel file for CDS (Lila)
- *ongoing, 40 best rated from 260 resources ready*

TECHNICAL

- ❑ Script to upload metadata: from excel file to CDS (CERN CDS): *final testing phase*
- ❑ CDS – Drupal Interface: fetch & display data from CDS on website (BLIND) 👍
- ❑ Filtering & search 👍
- ❑ Submission flow 👍

RDB process continued

First CDS form iteration

#	Title *	Author 1 *	Author 2	Author 3	Submitter	Contact e	Type *	Descriptiv	Language	Language	Language	Language	Language	Topic 1 *	Topic 2	Topic 3	Topic 4	Subtopic 1	Subtopic 2	Subtopic 3	Subtopic 4	Subtopic 5	Subtopic 6	Subtopic 7	Subtopic 8	Subtopic 9	Subtopic 10	
2	a coffee with the Standard	Woithe, Julia: CERN	Wiener, Jeff: CERN	Veken, Frederik: Universit		julia.woithe@cern.ch	Academic article	The Standard Model of particle physics	English					MATTER, PARTICLES AND UNIVERSE				PARTICLE INTERACTIONS			HIGGS							NEUTRINOS
4	Particle Builder is a particle Scattering experiment	Bi McGinness	Lachlan	Australian National University		scool@anu.edu.au	Games	Particle Builder is a particle Scattering experiment	English					MATTER, TECHNOLOGIES AND				PARTICLE INTERACTIONS										
5	3D-Printal S'Cool LAB, Team: CERN					scool@anu.edu.au	Games	3D-Printal S'Cool LAB, Team: CERN	English					MATTER, TECHNOLOGIES AND				PARTICLE INTERACTIONS			DETECTORS							

More specific CDS form...

Column name must start with "Additional link". Allowed format: URL_label (URL comma label)	Column name must start with "Additional link". Allowed format: URL_label (URL comma label)	Column name must start with "Submitter". Allowed format: must be an e-mail address.	Column name must start with "Topic". Allowed values: - matter, particles and universe - exploring the unknown - technologies and experiments - particle physics and society	Column name must start with "Topic". Allowed values: - matter, particles and universe - exploring the unknown - technologies and experiments - particle physics and society	Column name must start with "Topic". Allowed values: - matter, particles and universe - exploring the unknown - technologies and experiments - particle physics and society	Column name must start with "Topic". Allowed values: - matter, particles and universe - exploring the unknown - technologies and experiments - particle physics and society	Column name must start with "Subtopic". Allowed values: - particles - interactions - cosmology - higgs - antimatter - quark-gluon plasma - neutinos - supersymmetry - dark matter - dark energy - extra dimensions - accelerators - detectors - computing - data analysis - why fundamental research - international collaboration - applications and spin-offs - people behind the science	Column name must start with "Subtopic". Allowed values: - particles - interactions - cosmology - higgs - antimatter - quark-gluon plasma - neutinos - supersymmetry - dark matter - dark energy - extra dimensions - accelerators - detectors - computing - data analysis - why fundamental research - international collaboration - applications and spin-offs - people behind the science	Column name must start with "Subtopic". Allowed values: - particles - interactions - cosmology - higgs - antimatter - quark-gluon plasma - neutinos - supersymmetry - dark matter - dark energy - extra dimensions - accelerators - detectors - computing - data analysis - why fundamental research - international collaboration - applications and spin-offs - people behind the science	Column name must start with "Subtopic". Allowed values: - particles - interactions - cosmology - higgs - antimatter - quark-gluon plasma - neutinos - supersymmetry - dark matter - dark energy - extra dimensions - accelerators - detectors - computing - data analysis - why fundamental research - international collaboration - applications and spin-offs - people behind the science	Column name must start with "Subtopic". Allowed values: - particles - interactions - cosmology - higgs - antimatter - quark-gluon plasma - neutinos - supersymmetry - dark matter - dark energy - extra dimensions - accelerators - detectors - computing - data analysis - why fundamental research - international collaboration - applications and spin-offs - people behind the science	Column name must start with "Subtopic". Allowed values: - particles - interactions - cosmology - higgs - antimatter - quark-gluon plasma - neutinos - supersymmetry - dark matter - dark energy - extra dimensions - accelerators - detectors - computing - data analysis - why fundamental research - international collaboration - applications and spin-offs - people behind the science	Column name must start with "Subtopic". Allowed values: - particles - interactions - cosmology - higgs - antimatter - quark-gluon plasma - neutinos - supersymmetry - dark matter - dark energy - extra dimensions - accelerators - detectors - computing - data analysis - why fundamental research - international collaboration - applications and spin-offs - people behind the science	Column name must start with "Subtopic". Allowed values: - particles - interactions - cosmology - higgs - antimatter - quark-gluon plasma - neutinos - supersymmetry - dark matter - dark energy - extra dimensions - accelerators - detectors - computing - data analysis - why fundamental research - international collaboration - applications and spin-offs - people behind the science	Column name must start with "Subtopic". Allowed values: - particles - interactions - cosmology - higgs - antimatter - quark-gluon plasma - neutinos - supersymmetry - dark matter - dark energy - extra dimensions - accelerators - detectors - computing - data analysis - why fundamental research - international collaboration - applications and spin-offs - people behind the science
Additional link 1	Additional link 2	Submitter	Topic 1	Topic 2	Topic 3	Subtopic 1	Subtopic 2	Subtopic 3	Subtopic 4	Subtopic 5	Subtopic 6	Subtopic 7	Subtopic 8	Subtopic 9	Subtopic 10

IPPOG RDB Remaining Tasks

- ❑ Upload the remaining metadata to CDS ~ 220 resources remaining
- ❑ Solve technical issues with CDS workflow – editing / approval of submissions
- ❑ Manually add information on related resources (only once all curated resources are in RDB)
- ❑ Test submission flow by IPPOGers – you will be invited once ready! 😊
- ❑ Create **Standing RDB Maintenance Committee** (from RDB WG & beyond)
 - approve new submissions, update resources



RDB Submission flow / CDS- Drupal interface

- ❑ **Drupal RDB website** - read instructions
 - click on “Submit a resource”
- ❑ **Directed to CDS page** - find where to submit (rightforward)
- ❑ **Fill CDS dedicated Submission form**
- ❑ **Submitter receives confirmation email from CDS**
- ❑ **RDB Curators receive notification to approve new resource**
- ❑ **Automatic import of approved resources to Drupal** - regularly once a day
- ❑ **Email sent to submitter from IPPOG** (inform also that he will be responsible for updates)
- ❑ **Whenever CDS resource modified and approved, changes are automatically imported to Drupal**

Can be fully tested once the RDB goes live!

Welcome to IPPOG website ready to be published

<https://test-ippog-d8-clean.web.cern.ch>






About Resources Activities News Events For IPPOGers



International Physics Masterclasses

Explore the foundations
of the universe!

CALL FOR YOUR INPUT

- ❑ **CB:** Fill the Form “Representatives Information” with Member’s data 
- ❑ **WG, SG, Committees CONVENERS:** Provide information for your groups! 
- ❑ **ALL:** Submit publication, conference papers, posters, presentations to CDS
- ❑ **ALL:** Submit outreach and education related photos to CDS
- ❑ **ALL:** Send us information on NEWS and EVENTS
- ❑ **ALL:** Check the website and send us corrections on content 
- ❑ **ALL:** Volunteer to be member of **Standing RDB Maintenance Committee**



THANK YOU!!!



IPPOG website: typical particle physics project

Unprecedented problem solving: “Expect the unexpected!”

Always new issue pops-up

Trial – error

Data