

International Particle Physics Outreach Group

IPPOG new webpages & RDB

Barbora Bruant Gulejova Strategic Development Lead, IPPOG

Ուկայանի իրել Ուկայանի հայիների հետում իրել Ուկայանի հայիների հայանի հայիների հետում իրել Ուկայի իրել այդիներ

Outline

- Website Beta testing
- Content
- Members and people data
- Resource Database
- Timeline / Plan
- Celebration

My ungrateful task ©





Reminder from last meeting! May 2021

Close to finished new IPPOG website

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

- ☐ Design, sitemap and structure is "final"
- ☐ Texts and images are not yet final: under the development

Chance to send me requested information for all who didn't yet (till 10th June):

- Updated bio
- Member description
- National website with PP outreach material (if exists)
- > Forum member nomination / endorsement
- Photos suitable for website

In order to fill in all available information in June 2021



BETA-TESTING end of JUNE 2021!!!



BETA - testing

Feedback received:

- End June Beginning September 2021
- Mostly from outside IPPOG Forum : teachers, RDB curators...

Main topics from feedback:

- ☐ Very positive comments on website
- Changes in layout less empty spaces / more compact design, smaller headers...
- ☐ Main menu & submenus even simpler, more compact, unified design
- Interactive map better user-friendliness on PC and phone
- ☐ Some new features for projects & competitions, events updated Global Cosmics



NEW IPPOG MAIN WEBPAGES

Ongoing progress...

- Feedback implementation
- ☐ September November 2021
- □ 3 ITERATIONS (see progress report <u>34</u>) = ~ 40 specific changes applied ...
- Content development
- ☐ Writing final texts (chairs & Barbora) almost finished
- ☐ Collecting missing data from IPPOG members
- □ Collecting images and information (news & events)
- Resource database development
- □ Very very complex...





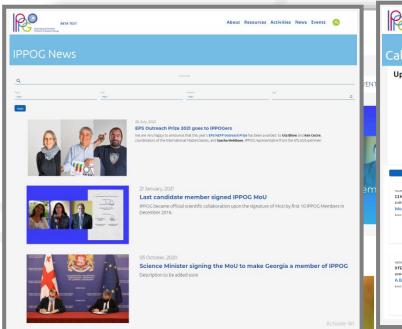
Content development

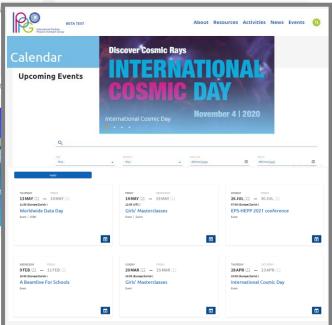
Collecting data from IPPOG members Google excel sheet here > Excessive number of reminders Updated bio Member description Forum member nomination / endorsement National website with PP outreach material (if exists)

Content development

Other needed information

> NEWS & EVENTS - we need fresh up-to-date information from YOU!





Prominent in main menu and frontpage!

CALL for input ASAP!



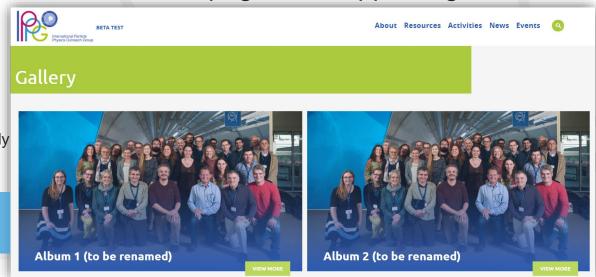
Content development

Other needed information

- > PHOTOS we need more to make webpage more appealing
- for IPPOG Gallery
- connected to CDS

Even high quality images uploaded quickly

I have only 10-20 pictures, which might be used...







SUBMIT!!! SUBMIT!!! IPPOG data at CDS

SUBMIT!!!



SUBMIT!!!

CERN Document Server			
Search Submit Help Pe	ersonalize	International Particle Physics Outreach Group	About Resources Activities News Events For IPPOGers
Home > International Collaborations > IPPOG		For IPPOGers	A 1 0 200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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Search 118 records for:	IPPOG Documents		
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	New collections by category	Search	
	IPPOG Documents	IPPOG Collaboration Documents	Latest Items — Upcoming IPPOG meeting 19-21 May 2020
Narrow by collection:	Browse by document type or use the search above.	IPPOG Reports	Feedback on new IPPOG website requested Feedback to IMC website
		1. CB reports 2. Annual reports	Contribute to collection of IPPOG resources Feedback on IPPOG Survey on physics education at
☑ IPPOG Documents (60)	MOU and associated Annual reports	3. Meeting reports	schools
	Publications	IPPOG Financial documents	 Send your updated bio in english and language of the member you represent
☐ IPPOG Unapproved Documents (3) [restricted]	Conference Notes	IPPOG Committees and Advisory boards	 Send the link of the website in your member's country dedicated to outreach and education in PP and related
	Conference Proceedings Conference Clidate	IPPOG Steering Groups	sciences. — Send the description of IPPOG member you're
☐ IPPOG CB Matters (4) [restricted]	Conference Slides Posters	IPPOG Working Groups	representing in English and language of the member you represent.
	Newsletters	IPPOG at CDS	Contact email
☐ IPPOG CB Matters Unapproved (0) [restricted]	Public relations	IPPOG Portraits	
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IPPOG Photos (40) SUBMIT!!!		Chook 9	undata infol
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✓ IPPOG Resources (10)		IDDOO	





Technical issues

Early November 2021:

- > All CERN websites move to the OpenShift infrastructure / Cloud
 - automatic
- > Drupal 8.x websites are being upgraded to Drupal 9
 - largely automated but requires changes for a subset of websites using custom themes and modules
 - Current ippog.org: went well ~ 8 november (will be still accessible from new website's footer for some time next year)
 - New test website https://test-ippog-d8-clean.web.cern.ch/
 - moved to Cloud few days ago and will be moved to Drupal 9 soon



IPPOG Resource Database - Outline

- Curation of old resources
- Collecting and curation of new resources
- ☐ CDS Drupal Interface
- Submission work-flow
- □ Timeline / Plan
- ☐ Some marketing "coming soon!" done this summer



IPPOG Resource Database

Complicated unprecedented project

IPPOG chairs

CERN

Drupal experts

Web Designer

Giorgos Rizos

Charis Karantzas

Web Developer







RDB WG

International Particle Physics Outreach Group **RDB** Curation Group

Sotirios Boutas Eduardo Alvarez Fernandes Konstantinos Samaras - Tsakiris

IPPOG Web SG **Global Cosmics** & IMC SGs

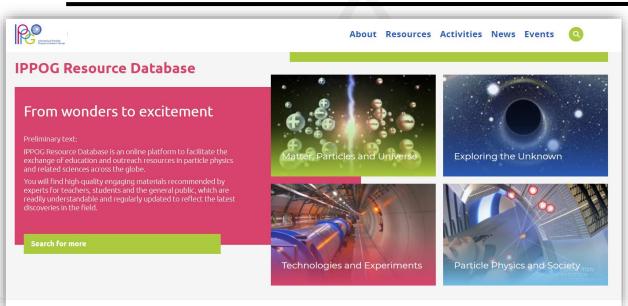
Uta. Ken. Carolin. Sabine



Thanks to good team!



IPPOG Resource Database



- ✓ Collection of high-quality engaging materials
- ✓ Content recommended by experts worldwide
- ✓ For teachers, students, general public & scientists
- ✓ Readily understandable and regularly updated

"The primary source of particle physics outreach material in the world."



IPPOG Resource Database Challenges

CONTENT

- ☐ Curation of existing / "old" items
- ☐ Collection and curation of new / up-to-date best items
- ☐ New content development

TECHNICAL

■ Building interface between website (Drupal) and CERN Documents Server (where resources will be stored)



Curation of old* RDB items

* Collected over last 10 years

RDB CURATION group

- ~ 40 experts from around the world:
- physics teachers, scientists and science communicators
- formed in summer 2020 & special curation tool developed end 2020
- Evaluate
- Assign tags/ metadata

Alberto Ruiz Jimeno
Andreas Delannoy
Ani Torres
Anna Marie Wolf
Carlos Cunha
Cassondra McHugh-Lowther
Cédric Vanden Driessche
Claire Adam-Bourdarios
Claire Bonnoit-Chevalier
Daniela Ambar Gayoso Miranda

Dario Menasce
Despina Hatzifotiadou
Enrique Arce-Larreta
Harry Stuckey
Ian Bearden
Ivan Melo
Jean-Christophe Pelhate
Joel Klammer
José María Díaz Fuentes
Julia Woithe

Kevin Martz
Kevin Mosedale
Lea Preece
Lucia Battistella
Luís Afonso
Maria Niland
Marla Glover
Michael R. Fetsko
Michael Wadness

Miki Otsuka

Moritz Springer Patricia Teles Pierluigi Paolucci Ram Krishna Sharma Richard Dower Robert Nickson Soleiman Rasouli Spencer Pasero Stefania Della Sciucca

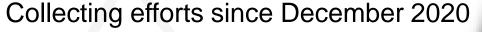
Yury Ivanov



~ 370 resources: each evaluated by 2-3 experts => We keep ~ 180 resources



Collecting & curating new resources



RDB Working Group (May 2021)

~ 20 experts: IPPOGers & physics teachers

RUIZ JIMENO, Alberto
SHARMAZANASHVILI, Alexander
STRANDBERG, Jonas
WOZNIAK, Krzysztof Wieslaw
WETZLER, Susan
WEGNER, Jeremy
KLAMMER, Joel
GLOVER, Marla
COYLE, Helen
PAOLUCCI, Pierluigi

KIRILOVA, Galina
KLEIN BOESING, Christian
BEARDEN, Ian Gardner
GAMEIRO MUNHOZ, Marcelo
GORISEK, Andrej
HADJIISKA, Roumyana Mileva
HATZIFOTIADOU, Despina
MELO, Ivan
PRICE, Darren
BARDEEN, Marge
ADAM BOURDARIOS, Claire

☐ Complete

☐ Wrap up

■ Evaluate

☐ Assign new tags

using same dedicated curation tool



~ 120 new resources collected => We keep ~ 80 resources

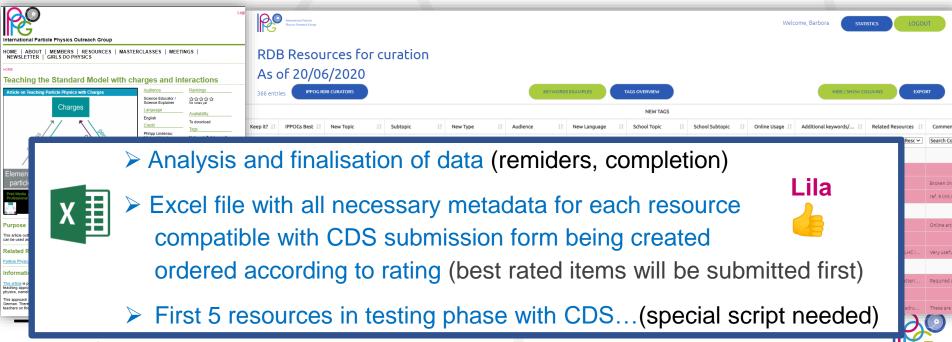


Proposed new resource Database

contribution

RDB metadata preparation

Transfer metadata from old RDB (static website) and curation tool to CDS Not trivial & very time-consuming... (data from static website retrieved manually!)



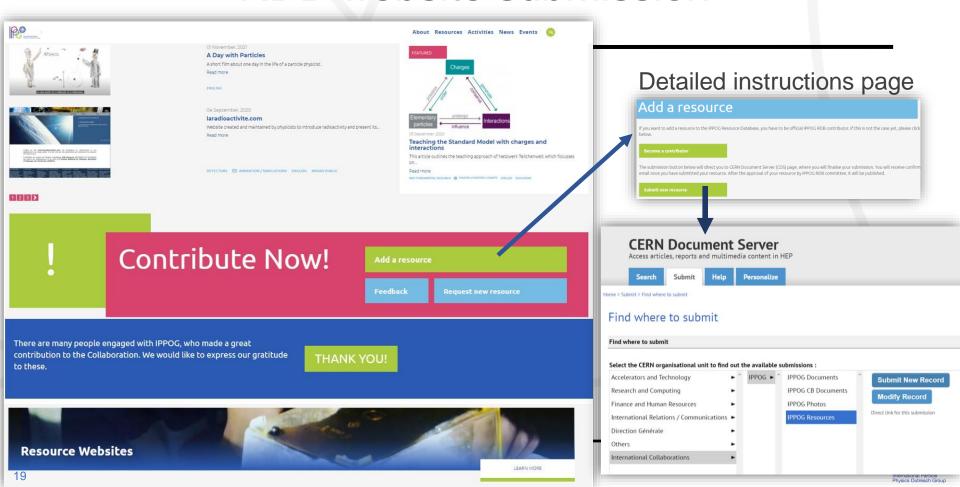


RDB Submission flow / CDS- Drupal interface

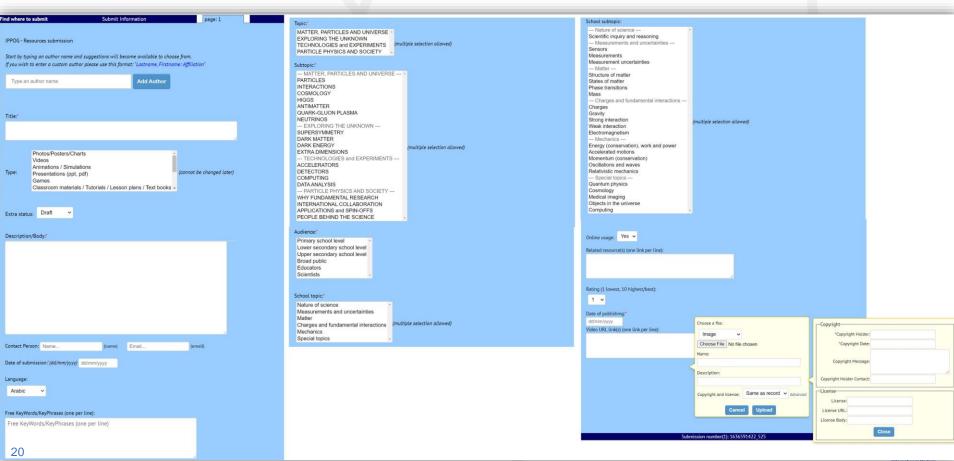
- Drupal RDB website read instructions
 - click on "Submit a resource"

- □ Directed to CDS page find where to submit __ife!__intforward)
 □ Fill CDS dedicated Submission form RDB goes life!__intforward)
 □ Submitter receives confirm once mail from CDS
 □ RDB Curators receives to prove new resource
 □ Automatic im Can be fully tested once mail from CDS
 □ Automatic im Can be fully tested 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

RDB website submission



CDS IPPOG RDB Submission Form

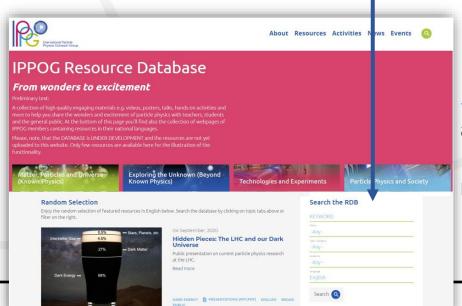


IPPOG RDB Resource CDS Metadata Display



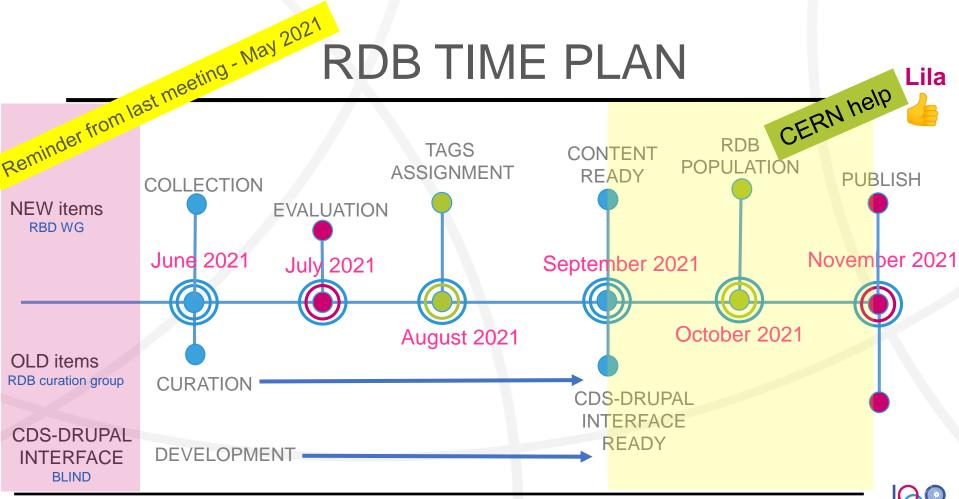
Filtering

All metadata (each word entered to CDS) are being considered in KEYWORD in RDB Search



Search results are ordered by rating that is not displayed







STILL TO DO

- ☐ Finish metadata creation for ~ 260 resources (180 old + 80 new) : 30 today
- Upload them to CDS automatically imported and displayed in Drupal
- Manually add information on related resources (only once all curated resources are in RDB)
- ☐ Whatever ready by 6th of December will be published (best rated resources)
- The rest will be added in 2022
- ☐ Create Standing RDB Maintenance Committee (from RDB WG & beyond)
 - approve new submissions, update resources



"New pages coming soon" marketing

Presented / announced during several conferences this summer

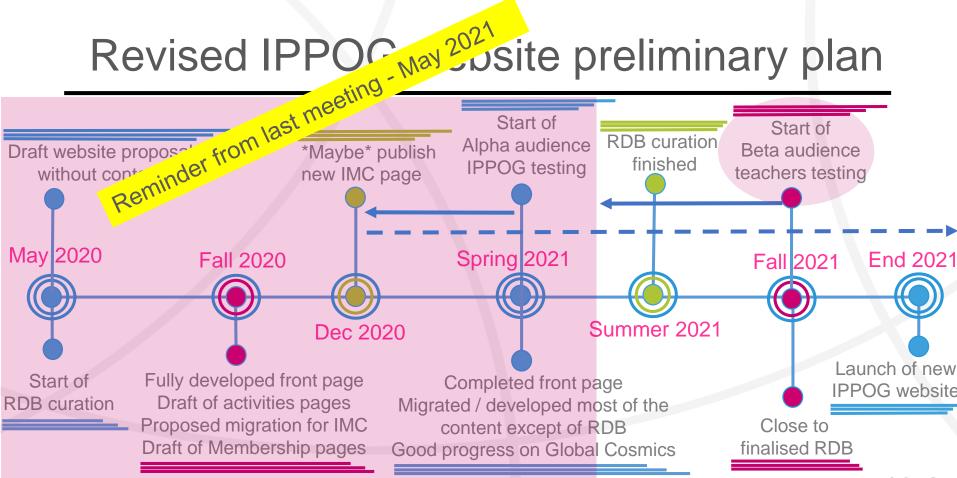
- **IPPOG RDB:** □ LHCP 2021 9 June 2021
 - EPS HEP 29 July 2021
 - SPS / OPG 2021 1 September 2021
 - WCPE 2021 December 2021

All presentations and proceedings papers available on CDS

IPPOG Global Cosmics Portal & RDB

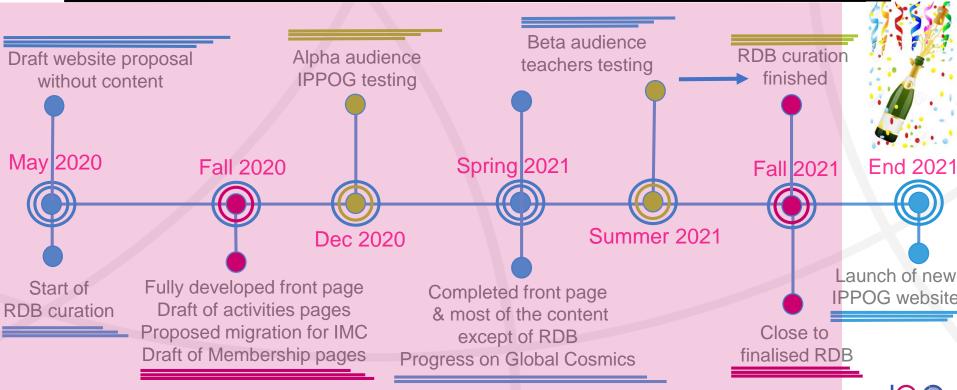
- ☐ ICRC 2021 19 July 2021
- ☐ TAUP 2021 2 September 2021







Revised IPPOG website preliminary plan



PLAN till the end of 2021/ early 2022

Website published by 6th of December 2021

- > Website texts, images, data to be finalised (unfinished parts will be marked "under the development" or temporarily disabled)
- ➤ Global Cosmics simple version to be elaborated in 2022
- ➤ IMC next year
- > RDB still huge job: at least part of best rated resources

DELTA-TESTING till January 2021

- check it out
- give us the last feedback on content





CELEBRATION & PRESENTS



THANK YOU!!!

7 YEARS in IPPOG





Website published in 2 weeks





Online participants will receive mask by post

- IPPOG Forum
- IPPOG Friends

Please, send your address!

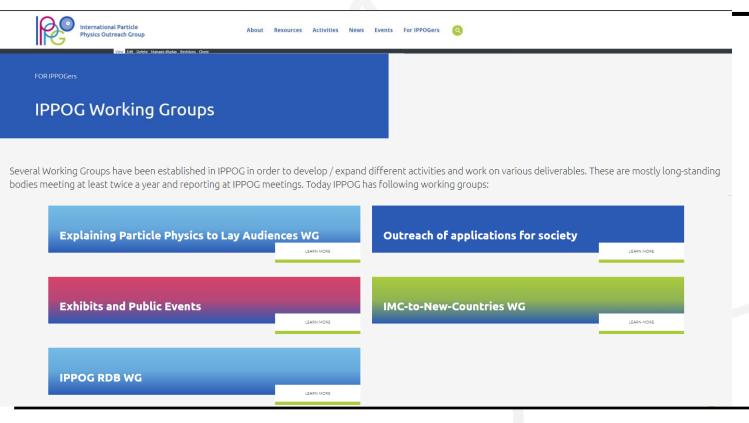
RDB curators



SPARE SLIDES

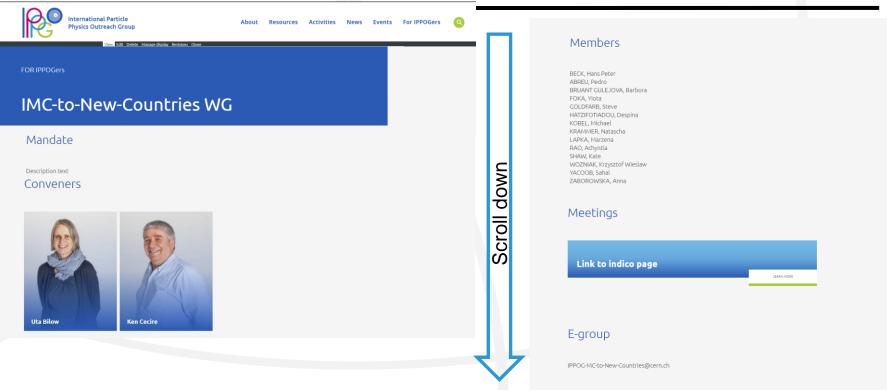


New organisation of IPPOG at CDS



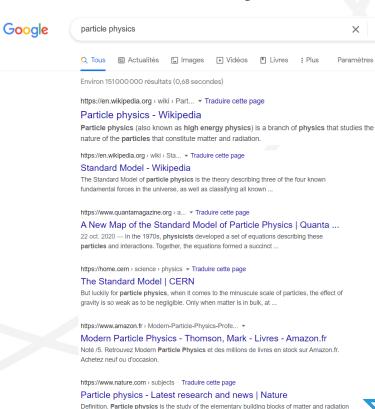


New organisation of IPPOG at CDS





Visibility / «Foundability» on internet





https://www.interactions.org - Traduire cette page

Interactions.org - Particle physics, high energy physics, news ...

https://www2.physics.ox.ac.uk → part... ▼ Traduire cette page

Particle physics | University of Oxford Department of Physics

Exploring fundamental **physics** with **high-energy** colliders ... The group studies the properties of neutrinos, one of the most abundant **particles** in the Universe.

Head of Particle Physics: Professor Daniel... Particle Physics Secretary: Mrs Sue Ged...

https://www.southampton.ac.uk → pa... ▼ Traduire cette page

Particle Physics (Research Year) | University of Southampton

Study the MPhys **Particle Physics** degree at Southampton University - the only UK university to offer a 1 year placement at CERN working on the Large Hadron ...

https://europeanstrategy.cern - Traduire cette page

Home | European Strategy for Particle Physics Update

Mandated by the CERN Council, it is formed through a broad consultation of the grass-roots particle physics community, it actively solicits the opinions of physicists ...

nttps://ippog.org ▼ Traduire cette page Home | ippog.web.cern.ch

Scroll down

33th place

The International Particle Physics Outreach Group (IPPOG). IPPOG is a network of scientists, science educators and communication specialists working across ...

Vous avez consulté cette page 5 fois. Dernière visite : 11/04/21



Suivan

Website must have METATAGS (keywords)

end of October 2021:
Define metatags
for each subpage of
IPPOG webpages

IPPOG WIKIPEDIA

Volunteers... (Darren)



and their interaction. The fundamental particles are summarised by the standard model.