

# International Particle Physics Outreach Group

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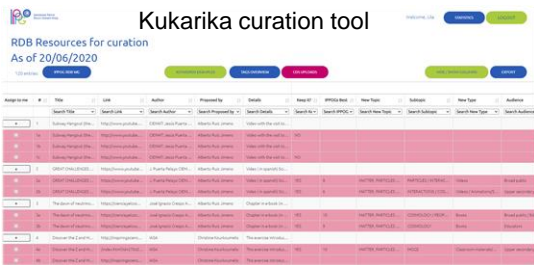
## *Resource Database Progress*

Lila Mabilia

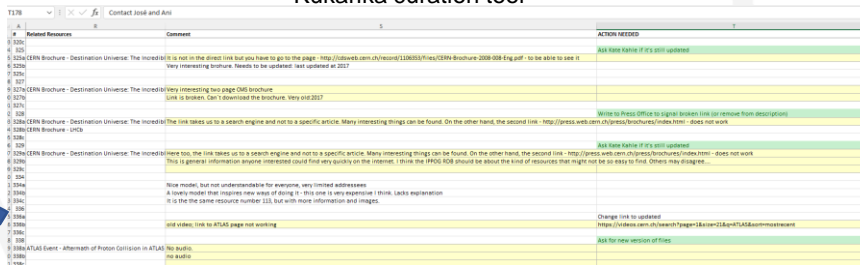




# Recap – May 2022



## Kukarika curation tool



#	Title *	Author 1 *	Author 2 *	Author 3 *	Submitter	Contact *	Type *	Descriptive Language	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	Subtopic 11	Subtopic 12	Subtopic 13	Subtopic 14	Subtopic 15	Subtopic 16	Subtopic 17	Subtopic 18	Subtopic 19	Subtopic 20		
2	a coffee with the Standard	Woithe, CERN	Jeff, CERN	Viener, Frederik; Veken, Universit	julia.woithe@cern.ch	Academic article	The Standard Model of particle physics	English						MATTER, PARTICLES AND UNIVERSE				PARTICLE PHYSICS	INTERACTIONS	HIGGS	NEUTRINOS																		
4	Particle B	McGinness, Australian National University	Lachlan; Australian National University		scool.lab@anu.edu.au	Games	Particle Scattering experiment	English																															
5	3D-Printed S'Cool LAB, Team: CERN				scool.lab@cern.ch	Games		English																															


First CDS form iteration

Excel for manual CDS upload

Assign to me #	Title	Author	Language	Topic	Subtopic	Details
60	How to Accelerate particles	IASA				Classroom materials/Tutorials/Lesson plans/Text books
70	Study data from the LHC	IASA				Classroom materials/Tutorials/Lesson plans/Text books
70	Study data from the LHC	IASA				Classroom materials/Tutorials/Lesson plans/Text books
80	Study Cosmic Rays	IASA				Classroom materials/Tutorials/Lesson plans/Text books
100b	All that MATTERS	IASA				Classroom materials/Tutorials/Lesson plans/Text books
150b	International HST programme - lectures	Jeff Wiener et al.				Classroom materials/Tutorials/Lesson plans/Text books
390	B anomalies How particle physics works II	Barbara Gallavotti				Videos
500	Large Hadron Collider	Igor Ivanov				Photos/Posters/Charts / Academic article
530	Open Education at JINR	JINR				Videos / Classroom materials/Tutorials/Lesson plans/Text books
590	Playlist of interviews about Gravitational Waves	INFN				Videos
600	Playlist of short interviews to Roger Penrose	INFN				Videos
620	Comics about Gravitational Waves (Ita)	INFN				Animations/Simulations
980	SPRACE Game	SPRACE,UNESP-Brazil				Games
990	Rajos Cósmicos nas Escolas	Several groups from Brazilian Universities, under coordin				Classroom materials/Tutorials/Lesson plans/Text books
1030	Mean Lifetime Part 3: MINERVA	QuarkNet - keecore				Classroom materials/Tutorials/Lesson plans/Text books / Projects/C
1040	Cosmic Ray e-Lab	QuarkNet				Classroom materials/Tutorials/Lesson plans/Text books
1050	CMS e-Lab	QuarkNet				Videos / Animations/Simulations / Exhibition items
1120b	PARTICLE JUKEBOX	To be added by curator				Photos/Posters/Charts / Academic article
1130a	ASIMMETRIE n°18: New Physics	INFN				Academic article
20	GREAT CHALLENGES OF KNOWLEDGE / II CIEMAT Science	IASA				Videos
110	Conservation of momentum in particle collisions	IASA				Games / Classroom materials/Tutorials/Lesson plans/Text books
120	« The Higgs Discovery Explained »	Piotr Traczyk				Videos
280	The quantum prisoner	CEA , Céline Lipari , Julien Arlot				Animations/Simulations
330	A Day with Particles	Science to Go and Connie Potter				Videos
540	Physics High	Paul Looijen				Videos
610	Video about Gravitational Waves (Ita sub eng)	INFN				Videos
780	ASIMMETRIE n°18: New Physics	Asimmetrie INFN				Books

# IPPOG "Old" Resources

- 180 to start
- Ranking 10 – 7
- 97 done!



**International Particle Physics Outreach Group**

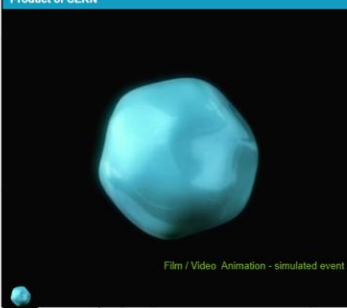
HOME | ABOUT | MEMBERS | RESOURCES | MASTERCLASSES | MEETINGS | NEWSLETTER | GIRLS DO PHYSICS

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HOME

## Journey to Discover the Nature of Mass (The Higgs Field)

**Product of CERN**



Film / Video Animation - simulated event

**Audience**

12 to 15 years  
15 to 18 years  
18 to 25 years  
25 years+

**Language**

English

**Duration**

0 - 5 min

**Credit**

Chris Mann  
[Contact](#)  
Chris Mann

**Rankings**

No votes yet

**Availability**

**To download**

**Tags**

Higgs  
Higgs field  
mass

**Copyright**

CERN

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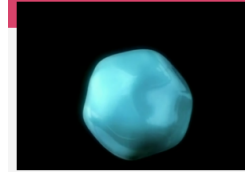
**Purpose**

To explain the basics on the Higgs Field

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**Information**

Produced by: Mannmade Productions  
Director: Chris Mann  
05:00 min. / 10 September 2008 / CERN Copyright  
<http://www.mannmade.co.uk/>



*The Higgs field*

Author(s): Mann, Chris, Mannmade  
Contact: [chris@mannmade.co.uk](mailto:chris@mannmade.co.uk)  
Submitted by: [barbora.gulejova@cern.ch](mailto:barbora.gulejova@cern.ch)  
Published: May 10, 2023

## Journey to Discover the Nature of Mass (The Higgs Field)

To explain the basics on the Higgs Field  
Produced by: Mannmade Productions  
Director: Chris Mann  
05:00 min. / 10 September 2008 / CERN Copyright

Languages

English

Audiences

Upper secondary school level  
Broad public  
Educators

Type

■ Videos

Topics

Matter, Particles and the Universe (known Physics)  
Higgs  
Particles and Their Interactions  
Quark-Gluon Plasma



# "New" Resources

- 80 to keep
- Ranking 10 – 7
- 12 done
- Challenges:
  - Descriptions
  - Resource website content
  - Dates of submission

## RDB Resources for curation As of 20/06/2020

120 entries IPPOG RDB WC KEYWORDS EXAMPLES TAGS OVERVIEW GIS UPDATES

Assign to me	#	Title	Link	Author	Proposed by	Details	Keep K7	IPPO
	1	Subway Hangout (the...	http://www.youtube...	CEMAT, Jesús Puerta...	Alberto Ruiz Jimeno	Video with the visit to...		
	1a	Subway Hangout (the...	http://www.youtube...	CEMAT, Jesús Puerta...	Alberto Ruiz Jimeno	Video with the visit to...	NO	
	1b	Subway Hangout (the...	http://www.youtube...	CEMAT, Jesús Puerta...	Alberto Ruiz Jimeno	Video with the visit to...		
	1c	Subway Hangout (the...	http://www.youtube...	CEMAT, Jesús Puerta...	Alberto Ruiz Jimeno	Video with the visit to...	NO	
	2	GREAT CHALLENGES ...	https://www.youtube...	J. Puerta Pelayo CEM...	Alberto Ruiz Jimeno	Video (in spanish) Sci...		
	2a	GREAT CHALLENGES ...	https://www.youtube...	J. Puerta Pelayo CEM...	Alberto Ruiz Jimeno	Video (in spanish) Sci...	YES	8
	2b	GREAT CHALLENGES ...	https://www.youtube...	J. Puerta Pelayo CEM...	Alberto Ruiz Jimeno	Video (in spanish) Sci...	YES	6
	3	The dawn of neuroin...	https://cienciayaloc...	José Ignacio Creppo A...	Alberto Ruiz Jimeno	Chapter in e-book (in ...		
	3a	The dawn of neuroin...	https://cienciayaloc...	José Ignacio Creppo A...	Alberto Ruiz Jimeno	Chapter in e-book (in ...	YES	10
	3b	The dawn of neuroin...	https://cienciayaloc...	José Ignacio Creppo A...	Alberto Ruiz Jimeno	Chapter in e-book (in ...	YES	9
	4	Discover the Z and H...	http://inspiringscienc...	MISA	Christine Kourkoumelis	This exercise introduc...		
	4a	Discover the Z and H...	index.html?id=2700...	MISA	Christine Kourkoumelis	This exercise introduc...	YES	10

Find where to submit Submit Information page: 1 SUMMARY(2)

IPPOG - Resources submission

Start by typing an author name and suggestions will become available to choose from.  
If you wish to enter a custom author please use this format: "Lastname,Firstname.Affiliation"

Type an author name Add Author

Title\*

Type:

- Classroom materials / Tutorials / Lesson plans / Text books
- Books
- Projects / Competitions
- Exhibition items
- Souvenirs
- Academic article

(cannot be changed later)

Extra status: Draft

Description/Body\*

Contact Person: Name (name) Email (email)

# IPPOG What next?

- CDS – Drupal «bridge»
  - Instabilities
- General fine-tuning
  - Date display
  - Sorting order on website
  - Keywords
  - Related resources
- Re-open submissions?
  - Improved submission and curation flows

The screenshot displays the IPPOG website interface. At the top, there are four navigation tabs: "Matter, Particles and the Universe (Known Physics)", "Exploring the Unknown (Beyond Known Physics)", "Technologies and Experiments", and "Particle Physics and Society". Below the tabs, a search bar is present with the text "Enjoy the selection of featured resources below. Search the database by clicking on topic tabs above or filter on the right." The main content area features three video thumbnails, each with a title and a brief description. The first video is titled "ATLAS Interview - Tom LeCompte, Physics Coordinator, ATLAS Experiment on the LHC at CERN". The second is "ATLAS Interview - Chris Bee, TDAQ Project Leader, ATLAS Experiment on the LHC at CERN". The third is "ATLAS Interview - Andreas Hoecker, Data Preparation Coordinator, ATLAS Experiment on the LHC at CERN". To the right of the video list is a search bar labeled "Search the RDB" with a "Search" button. Below the search bar is a "LATEST" section with a green button and a thumbnail of a diagram.