

14<sup>th</sup> IPPOG Meeting – CERN

---

# IPPOG Public Web Pages

S. Goldfarb, IPPOG Chair, University of Melbourne



### The International Particle Physics Outreach Group (IPPOG)

IPPOG is a network of scientists, science educators and communication specialists working across the globe in informal science education and outreach for particle physics. Particle physics is the science of matter, energy, space and time. IPPOG brings new discoveries in this exciting field to young people and conveys to the public that the beauty of nature is indeed becoming understandable from the interactions of its most fundamental parts - the elementary particles.

Current members come from the 22 member states of CERN, Australia, Ireland, Slovenia, South Africa, the USA, and from DESY, CERN and five of the major experiments at the Large Hadron Collider (LHC).

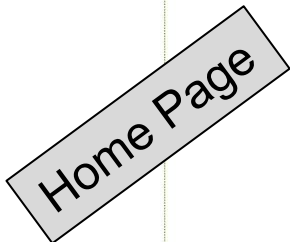
Hans Peter Beck (University of Bern) and Steve Goldfarb (University of Melbourne), IPPOG Chairs

#### Draw Me a Physicist

To raise school children's awareness of and enthusiasm for the world of physics and life as a physicist



Classroom Outreach Program



### Latest Resources



#### A Big Bang in The...

To introduce main research subjects at LHC to secondary school pupils in their last year of studies 0 comments



#### Das Verflixte Higgs...

Article published originally in the German journal 'Astronomie & Raumfahrt 51 (2014) 6... 0 comments



#### Quiz for IMC17

This multiple-choice quiz is designed for high school students and will be used in the... 2 comments



### Resources

- Activities
- Programs & Events
- Media
- Professional Development & Coaching
- Exhibits
- Souvenir / Novelty Item

#### FAQs

#### Welcome !

#### What is this?

#### Who is this for?

#### How to upload your resource?

Want to share items, leave comments and rate stuff too? [Learn more](#) about joining the collection's user group.

### Learning Topics



#### Physics

- Conservation Laws
- Cosmic Microwave Background
- Cosmology
- Dark Energy
- Dark Matter
- Extra / Multi Dimensions
- Forces
- Higgs Boson
- W' Z' Bosons
- Mass
- Matter / Antimatter
- Micro Black Holes
- Neutrinos
- New Physics
- Particles
- Quark Gluon Plasma
- Standard Model
- SUSY
- Symmetry

#### Technology

- Accelerators
- Calorimetry
- Civil Engineering / Construction
- Computing Grid
- Detectors
- Information Technology
- Magnets
- Particle Identification
- Tracking
- International Collaboration
- History
- Life as a Physicist (Maps) Who does What?
- Process of Discovery
- Working with Industry

#### Broader Impacts

- Cancer Treatment
- Culture
- Education
- Medical Applications
- Medical Screening
- Technology Transfer
- www

#### Search by

##### Learning Topic

- Any -

##### Audience

- Any -

##### Item Type

- Any -

##### Availability

- Any -

##### Duration

- Any -

##### Language

- Any -

##### Key Words

GO

#### Resources in your language

- English
- Italian
- German
- Spanish

[more](#)



- Activities
- Programs & Events
- Media
- Professional Development & Coaching
- Exhibits
- Souvenir / Novelty Item



# Notes to Spark Discussion

---

## Why we decided to re-launch development

- Current web pages meant to be 1<sup>st</sup> iteration
- Interface has important shortcomings
- Original development not maintainable by CERN
- Need to move to Drupal 8

## About integrating Cosmics & Masterclasses

- Needed now for specifications
- Leaders of both efforts will be involved in process
- Will only happen if functionality improved
- Will save resources by developing centrally
- Autonomy will be maintained

# Status

---

## Public Web Pages and Resource Database

- Assembled Steering Group
  - S. Boutas (CERN Webmaster), M. Lapka, P. Watkins, B. Gulejova, H.P. Beck, S. Goldfarb (chair)
- Preparing Specifications
  - Drupal 8
  - Compliance with CERN Support
  - Including Infrastructure for Resource Database, Global Cosmics, International Masterclasses
- Call for Tender Follows Completion of Specifications

# Help from our friends

---

## Unexpected Help from HST Program

- Curation of Resource Database Content (the assignment)
- Proposed structure of pages for teachers / students (extra credit)

