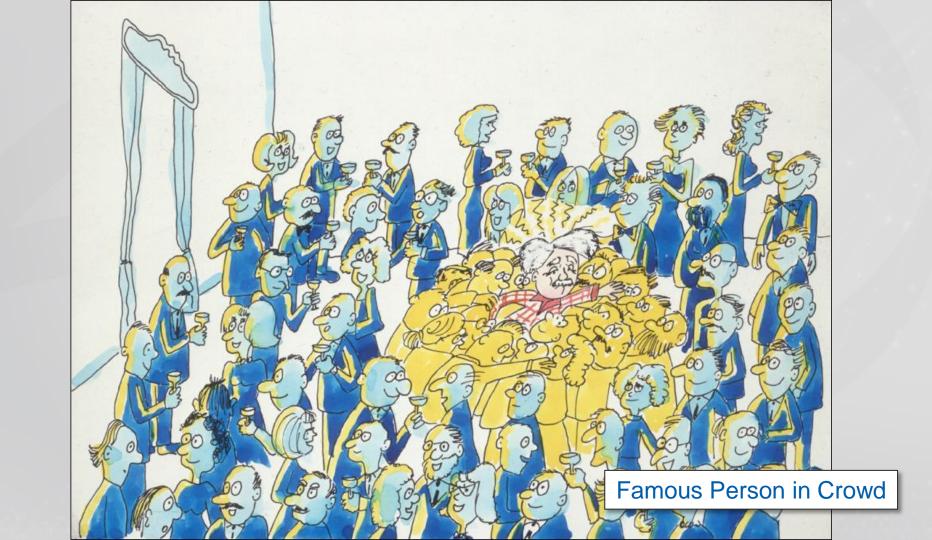
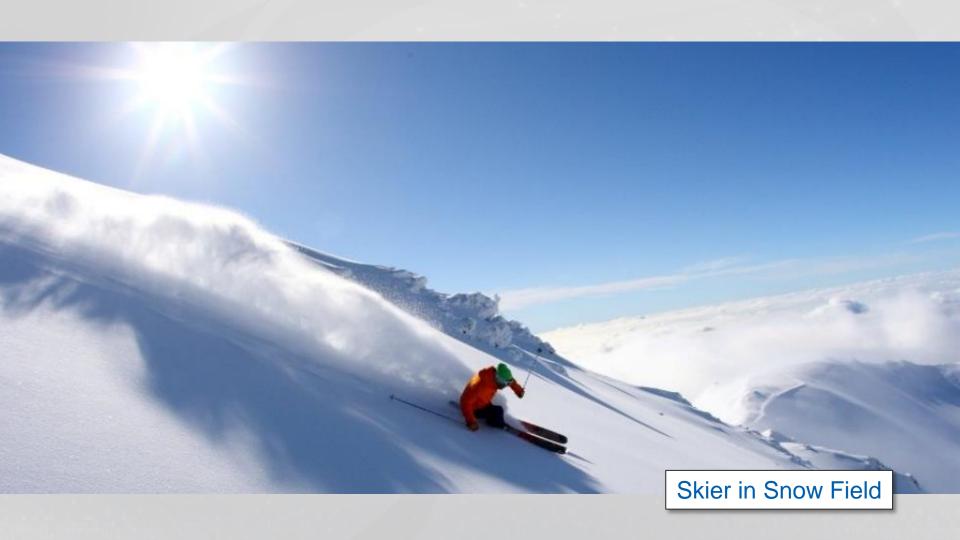


Council Seen by an Outreacher Communicating Science for Peace

S. Goldfarb (University of Michigan)
ATLAS Education & Outreach Coordinator
19 September 2014

Analogies of the Higgs Boson









4 July 2012





Melbourne CERN

4 July 2012

Webcast Audience

- 450,000 watched live
- 1,000,000,000 watched rebroadcast of the video

Words Trending on Twitter

- Higgs Boson, Standard Model
- LHC, CERN
- Comic Sans





Recipe

- 1. Make a fundamental discovery*
- 2. Communicate it to the world*

* Requires some vision & preparation.

Vision & Preparation



EPPCN

European Strategy 2006

"Council will establish a network of closely cooperating professional communication officers from each Member State, which would incorporate existing activities, propose, implement and monitor a European particle physics communication and education strategy, and report on a regular basis to Council."

Establish Communication Channels



















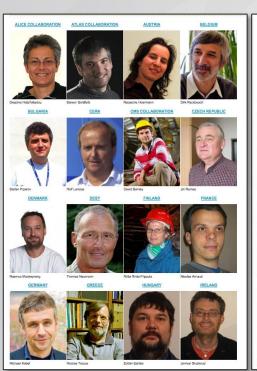




UNIVERSITY OF HELSINKI



IPPOG







Develop Outreach Material



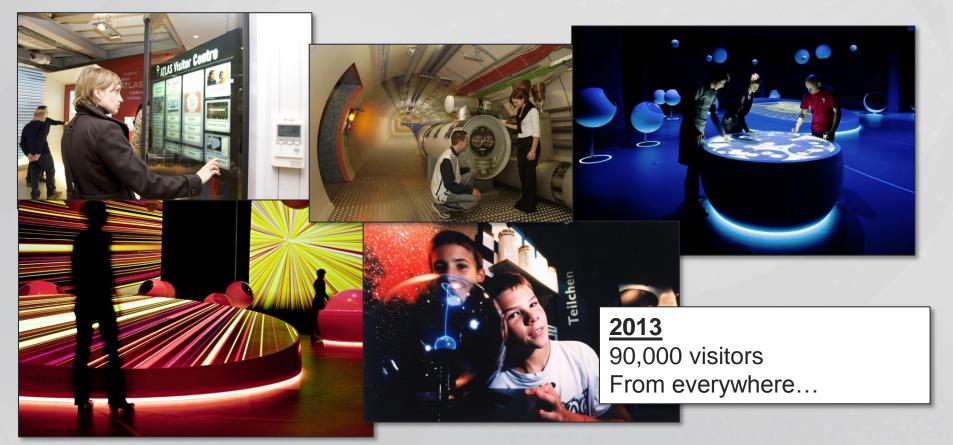
Student & Teacher Programmes



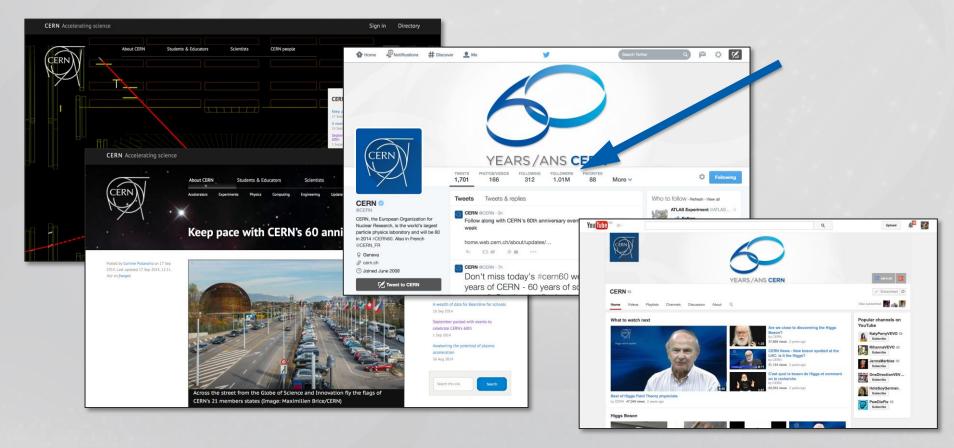
41 national program high school teachers

54

CERN Visits Circuit

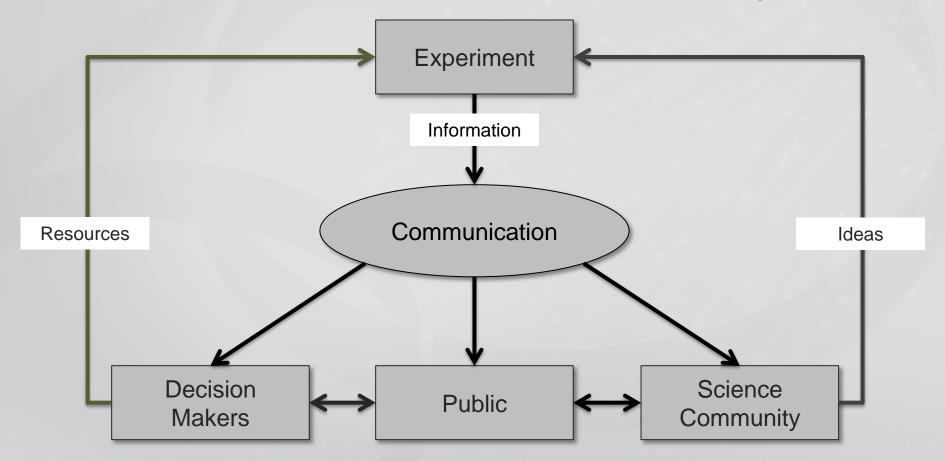


CERN Communication

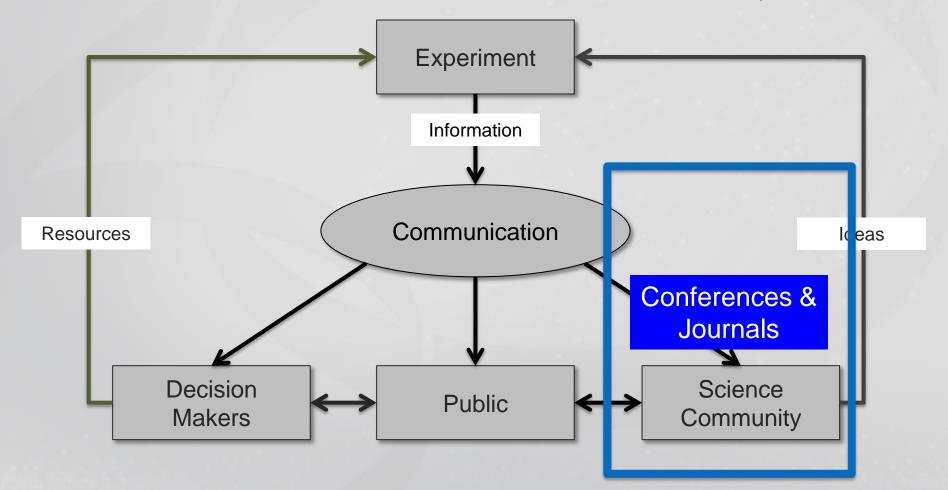




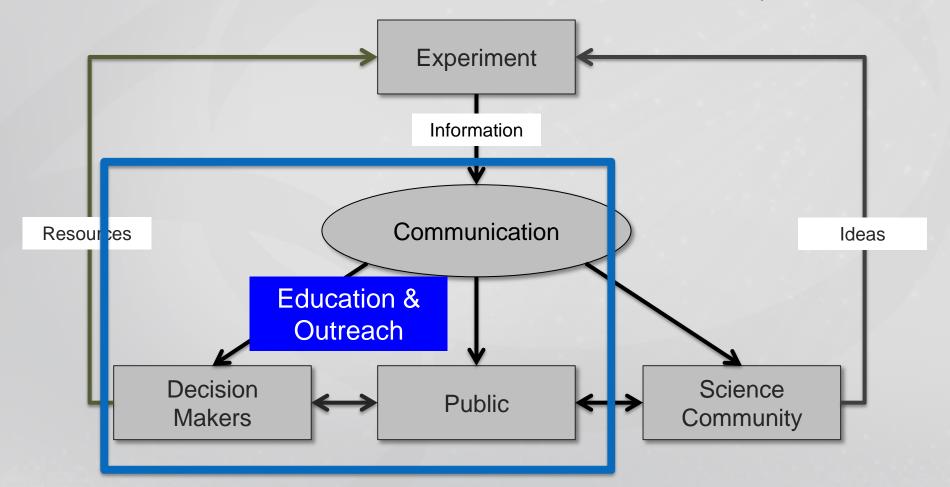
Communication is both **central** and **essential** to the scientific process.



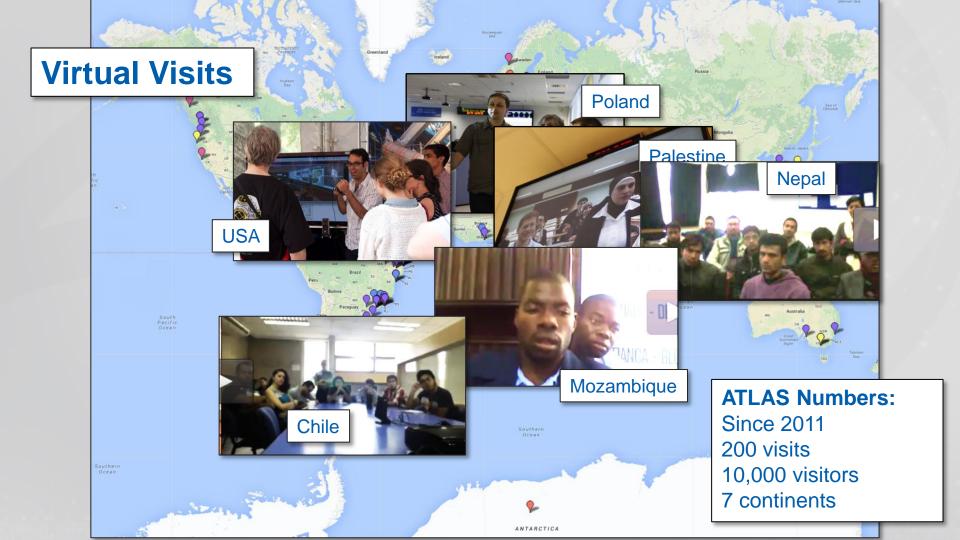
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Communication is both central and essential to the scientific process.







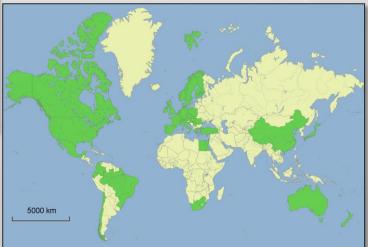
International Masterclasses



2014

239 Masterclasses 183 Institutes 48 Videoconferences





What's Next?

