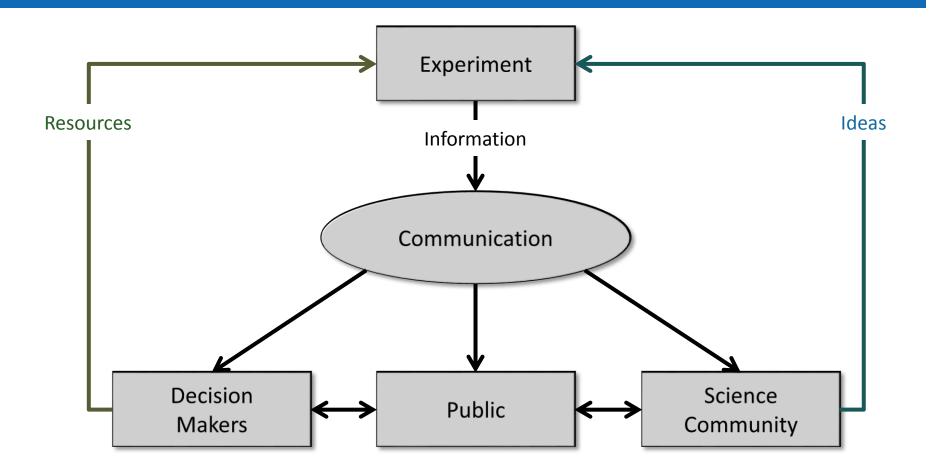
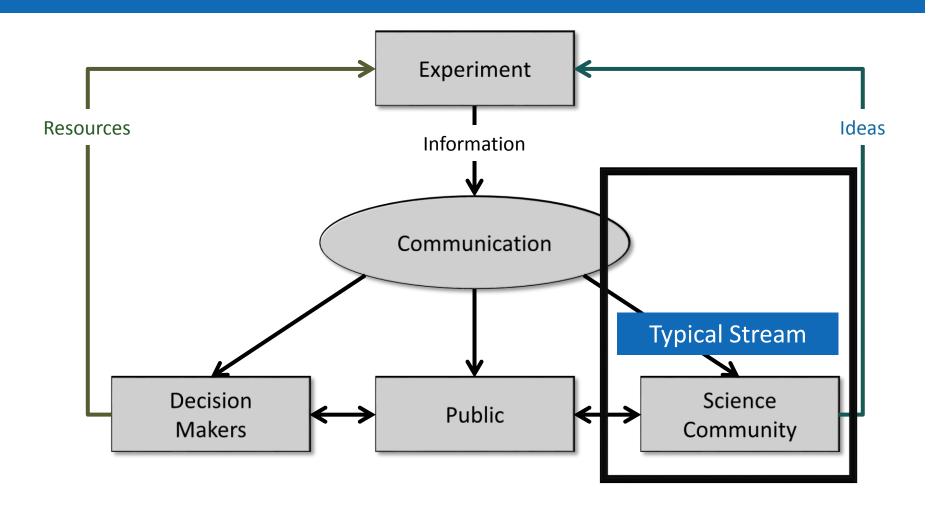
# Virtual Visits

Bringing the World to CERN

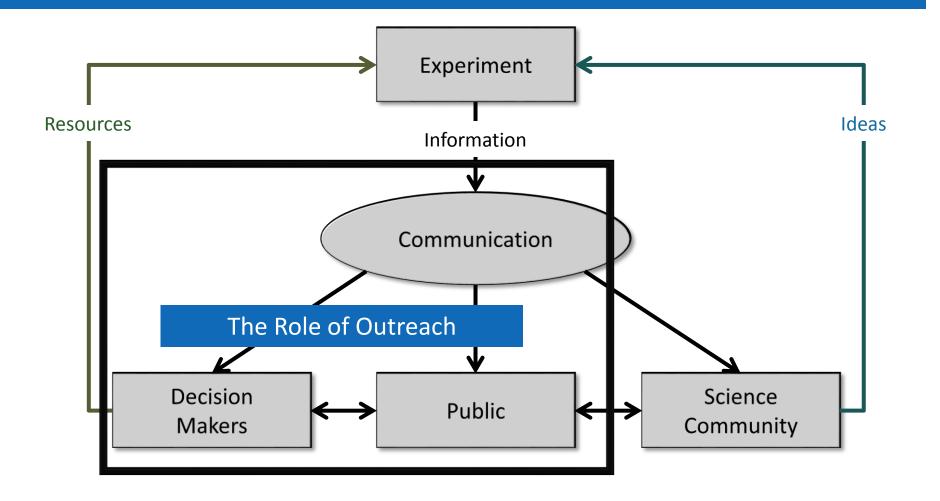
## Communication in Science



## Communication in Science

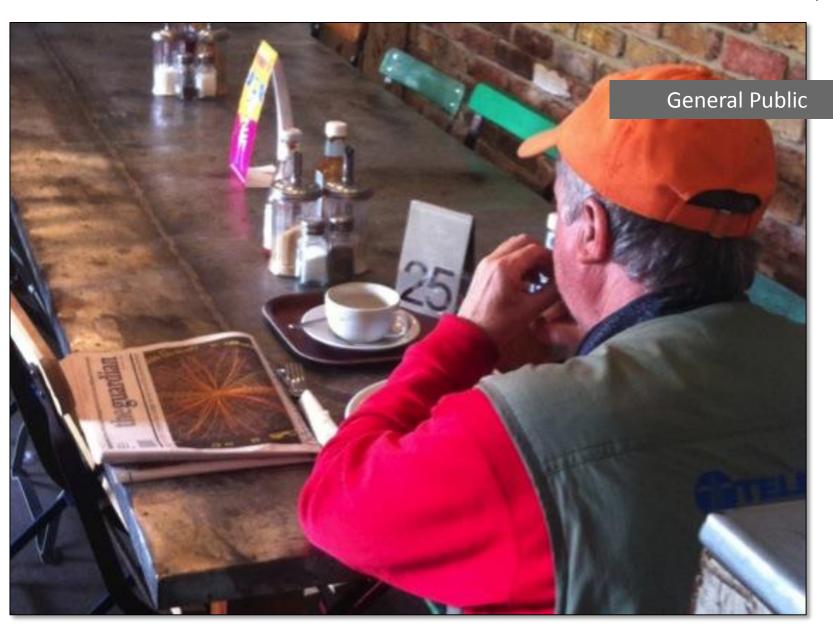


## Communication in HEP



# **Target Audiences**

With whom do we want to communicate?







# Goal: Deliver these Messages

- Understanding, appreciation of ATLAS and the field of particle physics; benefits of fundamental research for society.
- Impact of our research on society now and as an investment for the future, in order to sustain support for ATLAS and the field of particle physics.
- 3. Excitement of scientific discovery, appreciation of scientific method to help instil and reinforce these values in society, and to attract and retain the next generation of scientists and educators.







#### A Few Unwritten\* Goals

- Fulfil our social obligation
  - Directly through dialogue



Geographically, Socially, Economically

- Train the members of our collaboration to communicate
  - For their sake and ours



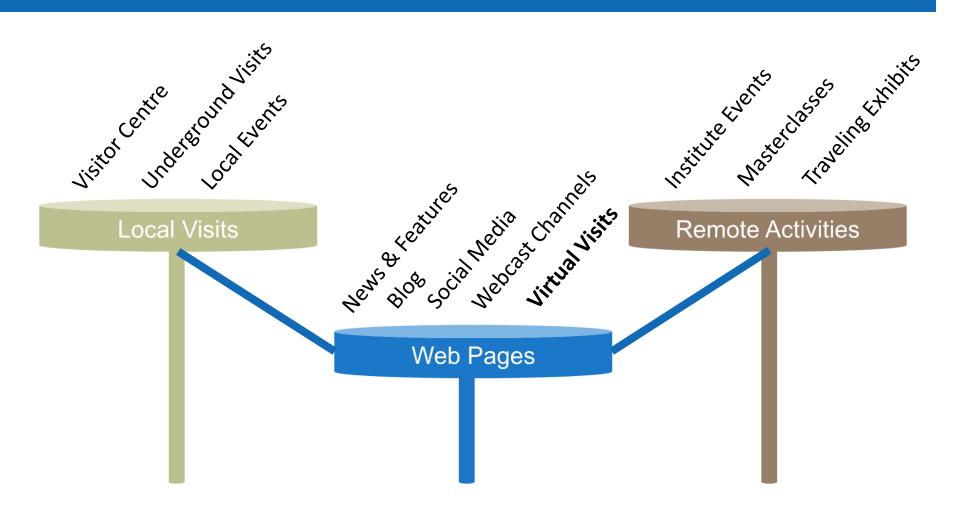




# **Platforms**

...and their content

### **Outreach Platforms**



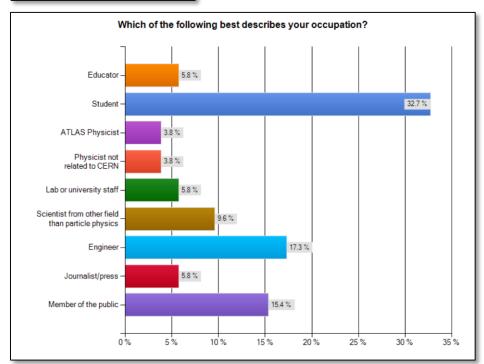


http://atlas.ch

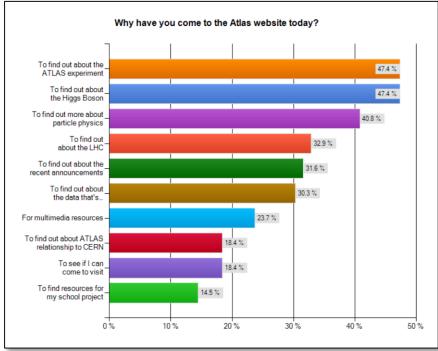
## ATLAS Public Web Page – Readers

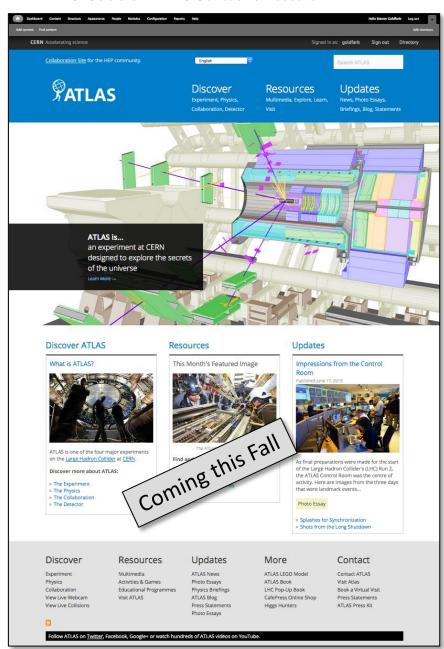
Reader Survey Results

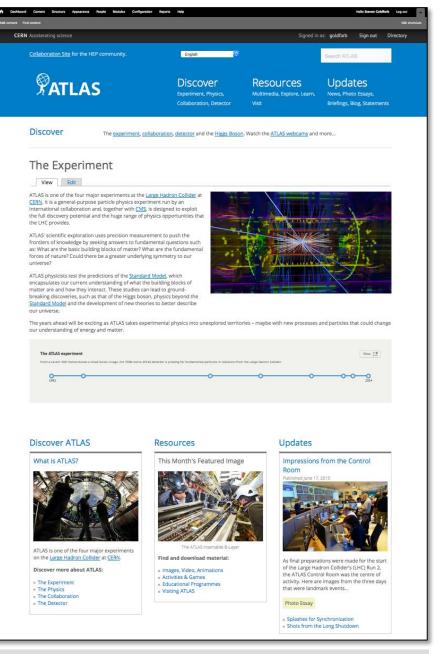
Who are you?

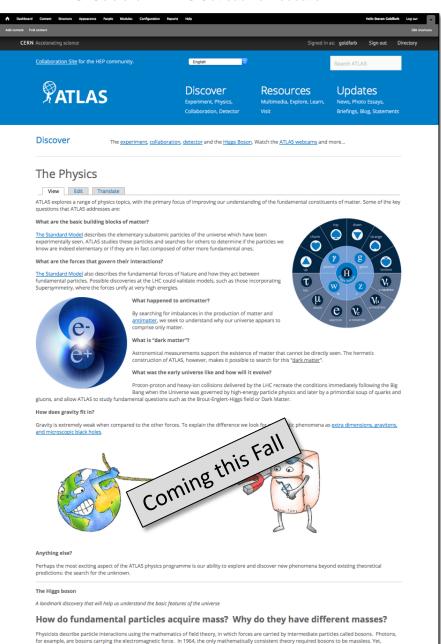


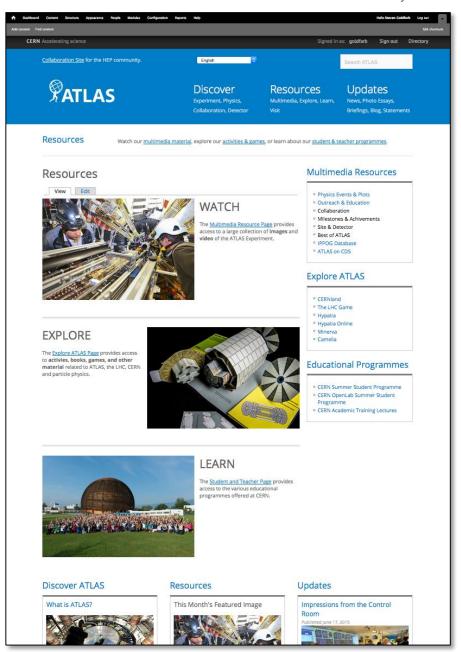
Why are you here?











#### Social Media



### **ATLAS Visitor Centre**



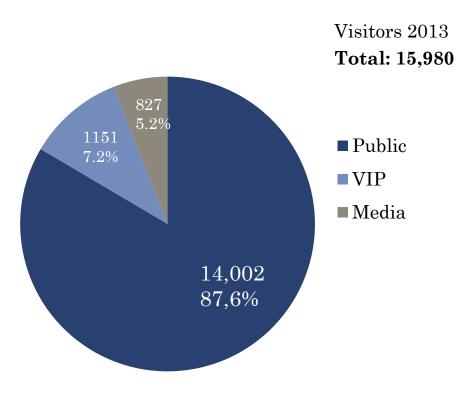


- Presented by ATLAS / CERN Guides
- Interactive Displays, Games, 3D Movie
- Inaugurated in 2008
- 50k Visitors in 2014 (far greater than expectations)
- Complete re-vamping in the works...

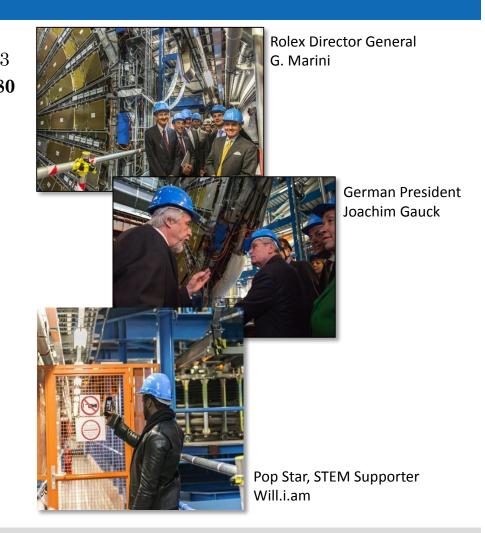




# ATLAS Underground Visits



+ 2500 during Open Days

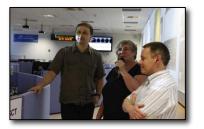






#### **Since 1 Jan 2013**

108 Visits 74 Guides 7 Continents







Past Events A selection of ATLAS Virtual Visits from all

over the world

**Future** 

**Events** 

Virtual Visits.

A list of upcoming

Technical

Requirements All you need to know to organise your own **ATLAS Virtual Visit** 

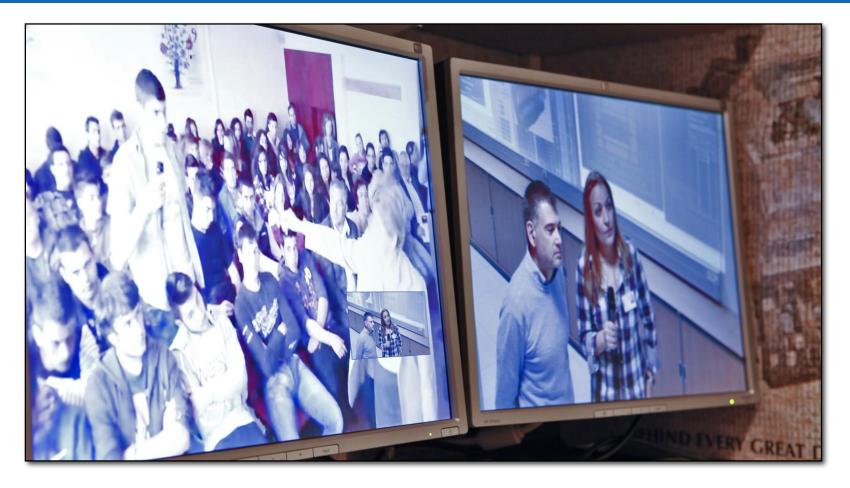
ATLAS Experiment Discover one of the world's greatest scientific adventures

**ATLAS** Live The web cast of ATLAS Experiment

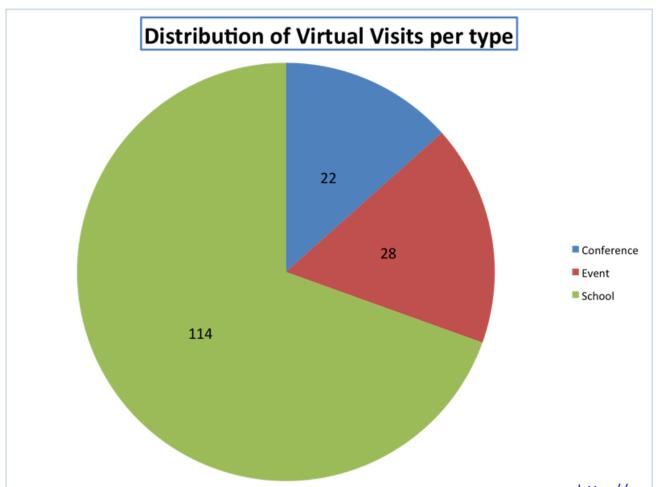
Visit

CERN Come and see inside the world's largest particle physics laboratory

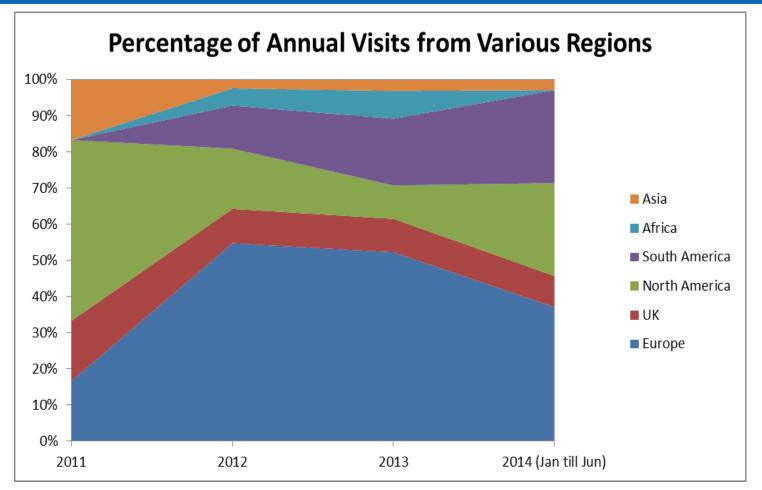












015		
13 January	High School of Ponte de Sor, Portugal	ATLAS Masterclass
21 January	III Liceum Ogolnoksztalcace, Poland	ATLAS Masterclass
26 January	Laboratoire de l'Accélérateur Linéaire in Orsay, France	ATLAS Masterclass
29 January	15 High Schools from the Argos Prefecture, Greece	ATLAS Masterclass
4 February	Institut Montserrat Miró, Spain	ATLAS Masterclass
12 February	Three High Schools in Athens, Greece	GO-LAB Program
18 February	Zewail City of Science and Technology, Egypt	ATLAS Masterclass
27 February	American Academy of Larnaca, Cyprus	ATLAS Masterclass
28 February	Pontificia Universidad Catolica in Santiago, Chile	ATLAS Masterclass
6 March	Central California STEM Collaborative, Fresno, US	ATLAS Masterclass
12 March	The Oklahoma State University, Stillwater, US	ATLAS Masterclass
13 March	McGill University, Montreal, Canada	ATLAS Masterclass
19 March	Grammar School Christoph Graupner Kirchberg, Germany	Natural Sciences' Day
23 March	Federal University of Rio Grande do Norte	ATLAS Masterclass
27 March	Colombia and Bogota by Barranquilla	ATLAS International Masterclass
27 March	University of Roma Tre, Italy	ATLAS Masterclass
28 March	Haverford College, US	ATLAS Masterclass
2 April	Internationella Engelska Skolan, Halmstad, Sweden	ATLAS Masterclass
7 April	Wayzata High School in Plymouth, MN, US	ATLAS Masterclass
15 April	University of Birmingham, UK	Particle Physics Masterclass
18 April	SFU, TRIUMF, and University of Victoria, Canada	Particle Physics Masterclass
20 April	University of Salento, Italy	The Scientific Culture Week
23 April	The High school of Pyli, Greece	ATLAS Masterclass
24 April	Faculty of Sciences at the Lebanese University in Beirut	Physics Without Frontiers, Physics Masterclass
27 April	An-Najah National University, Palestine	ATLAS Masterclass
28 April	Schools Fontes Pereira de Melo in Porto, Portugal	ATLAS Masterclass
28 April	Federal University of Pernambuco, Brazil	ATLAS Masterclass
18 June	MINNESAUKE Elementary School in Long Island, US	ATLAS Masterclass
24 June	CPPM in Marseille, France	physics summer camp





#### Next Steps (and some dreams)

- Re-vamping of ATLAS Infrastructure (HD Quality) [DONE]
- Joint visits with CMS, other LHC experiments [DOING]
- CERN-wide service? [Still Hope]
- Educational platform for post-visit activities?
  - Content management site
  - Material collected by class
  - Links to resources found by class
  - Chat with physicists, other classrooms
  - Etc.

#### Links

**ATLAS Public Platforms** 

Public Home Page <a href="http://atlas.ch">http://atlas.ch</a>

ATLAS Blog <a href="http://atlas.ch/blog">http://atlas.ch/blog</a>

ATLAS Virtual Visits <a href="http://cern.ch/atlas-virtual-visit">http://cern.ch/atlas-virtual-visit</a>

ATLAS Live <a href="http://cern.ch/atlas-live">http://cern.ch/atlas-live</a>

Twitter Feed <a href="http://www.twitter.com/ATLASexperiment">http://www.twitter.com/ATLASexperiment</a>

Facebook Page <a href="http://www.facebook.com/ATLASexperiment">http://www.facebook.com/ATLASexperiment</a>

Google+ Page <a href="http://www.google.com/+ATLASexperiment">http://www.google.com/+ATLASexperiment</a>

YouTube http://www.youtube.com/user/TheATLASExperiment

**Common Projects** 

IPPOG Database <a href="http://ippog.web.cern.ch">http://ippog.web.cern.ch</a>

Hangout with CERN <a href="http://cern.ch/hangouts">http://cern.ch/hangouts</a>