

#### **International Science Journalism School**

What's Next: Challenges and Opportunities for Tomorrow's Fundamental Physics (June 24th-29th, 2018)

#### Director of the School:

Enzo Iarocci

#### Directors of the Course:

Pierluigi Campana & Claudia Di Giorgio for Science and Journalism respectively

#### **Adjunct Directors**

Barbara Sciascia & Giovanni Spataro for Science and Journalism respectively

#### **Convener for Communication**

Eleonora Cossi

#### **School Secretary**

Rita Bertelli







**CERN's origins can be traced back to** the late 1940s. In the aftermath of the Second World War, a small group of visionary scientists (Raoul Dautry, Pierre Auger and Lew Kowarski in France, Edoardo Amaldi in Italy and Niels Bohr in Denmark were among these pioneers) and public administrators, on both sides of the Atlantic, identified fundamental research as a potential vehicle to rebuild Europe and to foster peace in a troubled region.

It was from these ideas that CERN was born on 29 September 1954, with a dual mandate to provide excellent science, and to bring nations together.







# When it "all" began





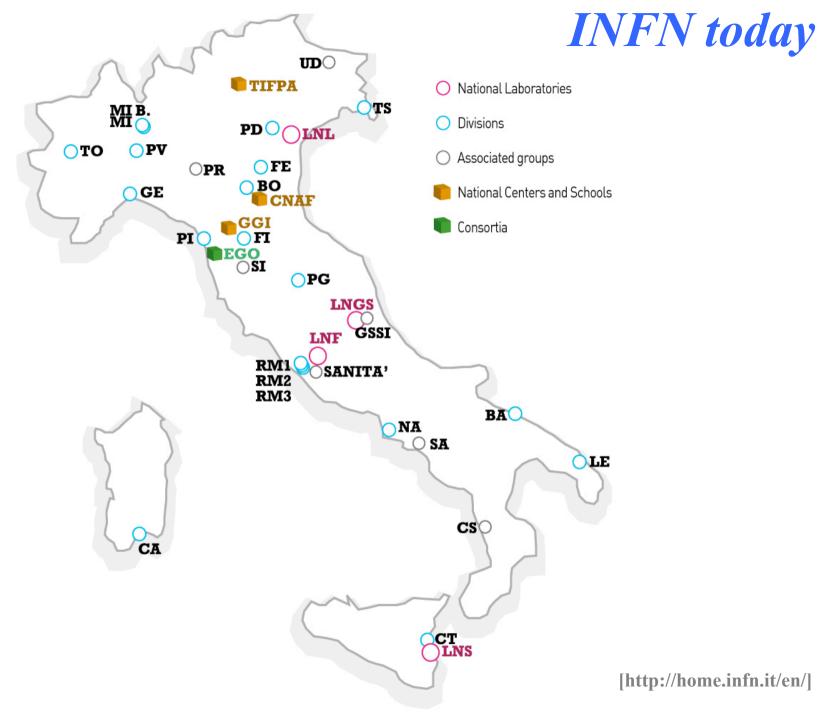
## When it "all" began

1951

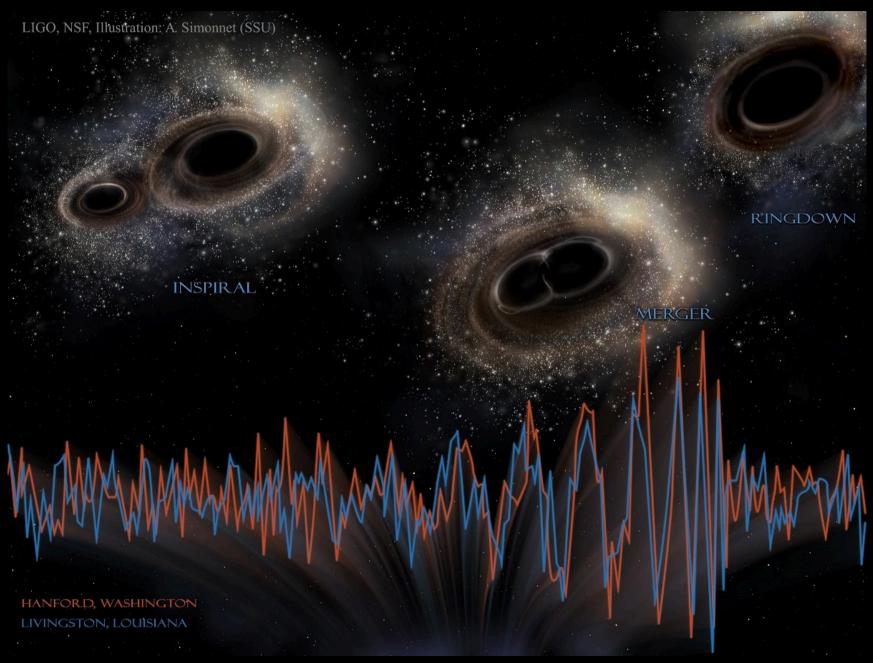
INFN was born from 4 Physics departments at Milano, Torino, Padova, and Roma Universities

1957 Laboratori Nazionali di Frascati





## Gravitational waves



### Standard model





# WHERE THE WAS BORN In the history and the both the both

[https://evrythng.com/evrythng-engineers-visit-cern-birthplace-web/]

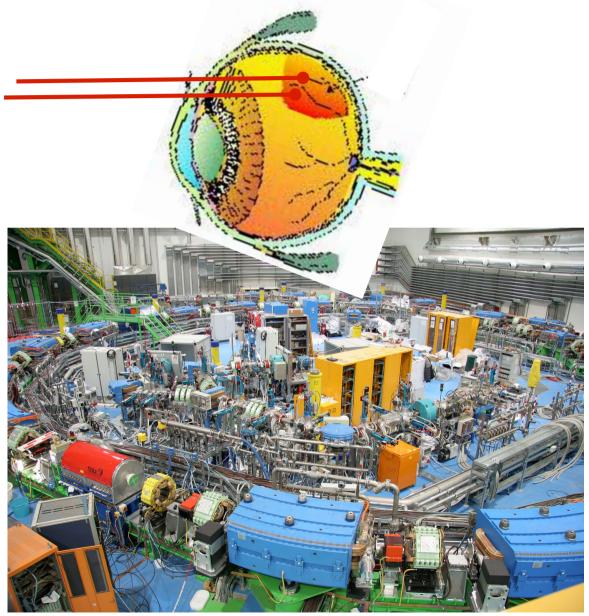
## Internet

[http://fortune.com/2016/06/09/web-fix-berners-lee/]



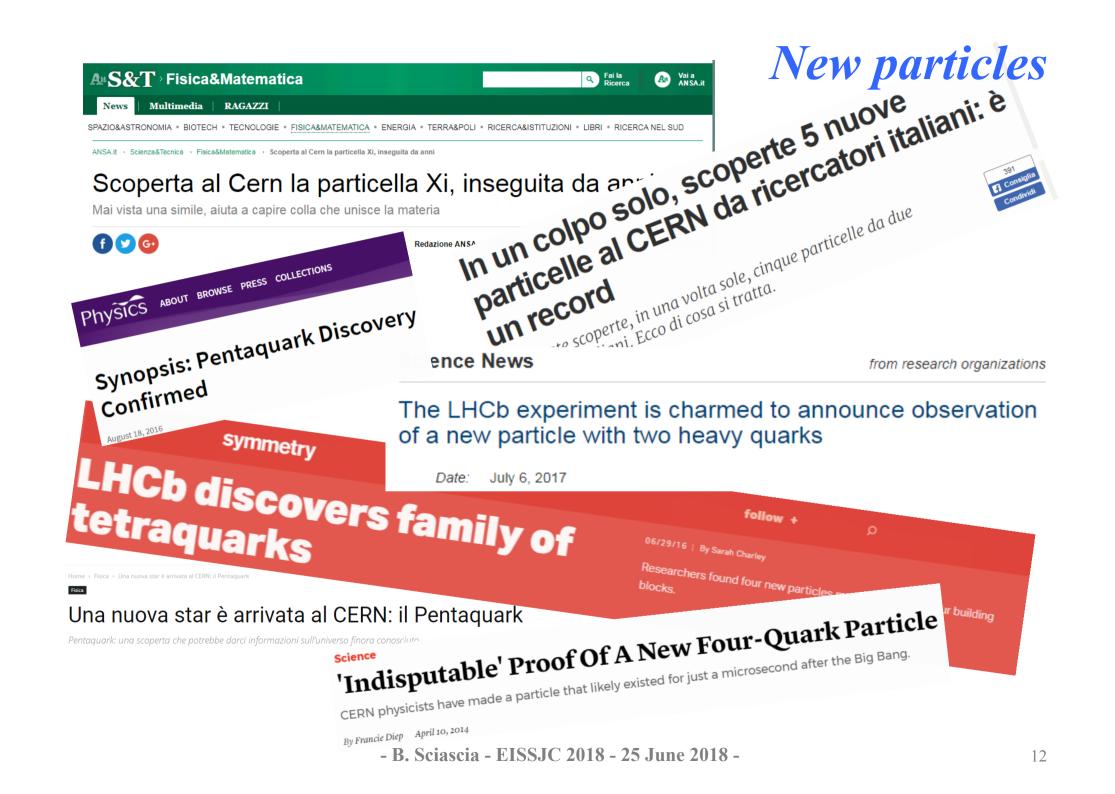


# **People**



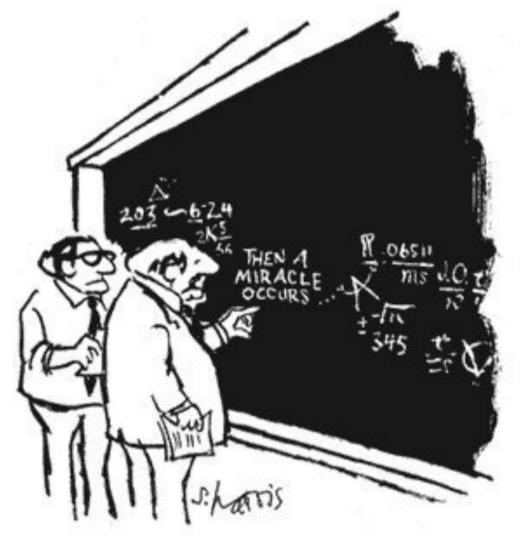






What's Next: Challenges and Opportunities for Tomorrow's Fundamental Physics

## A foreword



"I THINK YOU SHOULD BE MORE EXPLICIT HERE IN STEP TWO,"

## Program

Monday 25th	Tuesday 26th	Wednesday 27th	Thursday 28th
09,00 Welcome	ruesuuy 20th	Weaterstay 27th	marsaay 20th
09.10 The Erice Journalism School			
09,30-10,30 <b>SL</b> – Looking to cosmic messengers: new paradigms (M. Branchesi, GSSI)	09,30-10,30 <b>SL</b> – The search for the Universe missing matter (G. Servant, DESY)	09,30-10,30 <b>SL</b> – Who ordered that? Why scientists are continuing to search for new particles (G. Wilkinson, Oxford U.)	09,30-11,00 Interactive session (fellows contributions) - Country Stories: science communication /journalism in extra European countries
10,30-11,30 <b>SL</b> – Smaller, cheaper, simpler: accelerators for the future (R. Assmann, DESY)	10,30-11,30 <b>ML</b> - Art and craft of multimedia reporting (J. Pasotti, reporter)	10,30-11,30 <b>ML</b> - Toward a journalistic method in a digital world (M. Tedeschini Lalli, journalist)	
11,30-12,00 Coffee Break	11,30-12,00 Coffee Break	11,30-12,00 Coffee Break	11,00-11,30 Coffee Break
12,00-13,30 <b>Interactive session -</b> Responsible Research & Innovation: Umbrella in a European storm (F. Balvert, Erasmus U.)	12,00-13,00 ML – Covering hard science for a general public (R. McKie, The Observer)	12,00-13,00 <b>SL</b> – Coping with life complexity: the point of view of Physics (S. Morante, Tor Vergata U.)	11,30-13,00 Interactive session (fellows contributions) – Country Stories: science communication /journalism in European countries
13,30-15.00 Lunch	13,00-14,30 Lunch	13,00-14,30 Lunch	13,00-14,30 Lunch
15,00-17.00 – MediaLab/Interactive session	14,30-15,30 <b>SL</b> – Multidisciplinary science from the deep sea exploration (J. Danobeitia, EMSO)	Afternoon free	14,30-15,30 <b>SL</b> – Big data for big science and better society (M. Girone, CERN)
Keep calm & hit the target (E. Cossi, C. Di Giorgio, G. Spataro)	<b>15,30-16,30 ML</b> – Communication Trends in Research Infrastructures (A. Weeks, ESS-ELI)		
17,00-17,30 Coffee Break	16,30-17,00 <i>Coffee Break</i>		15,30-16,30 <b>ML</b> –Science solo show (H. Keen, comedian and performer)
17,30-18,30 MediaLab/Interactive session  Lab conclusions	17,00-18,30 Interactive session (c. Di Giorgio, G. Spadaro)  Hot issues in science journalism & communication (embargo, journalist or		16,30-17,00 Conclusions
Lab conclusions	communication (embargo, journalist or activist?, new trends)		