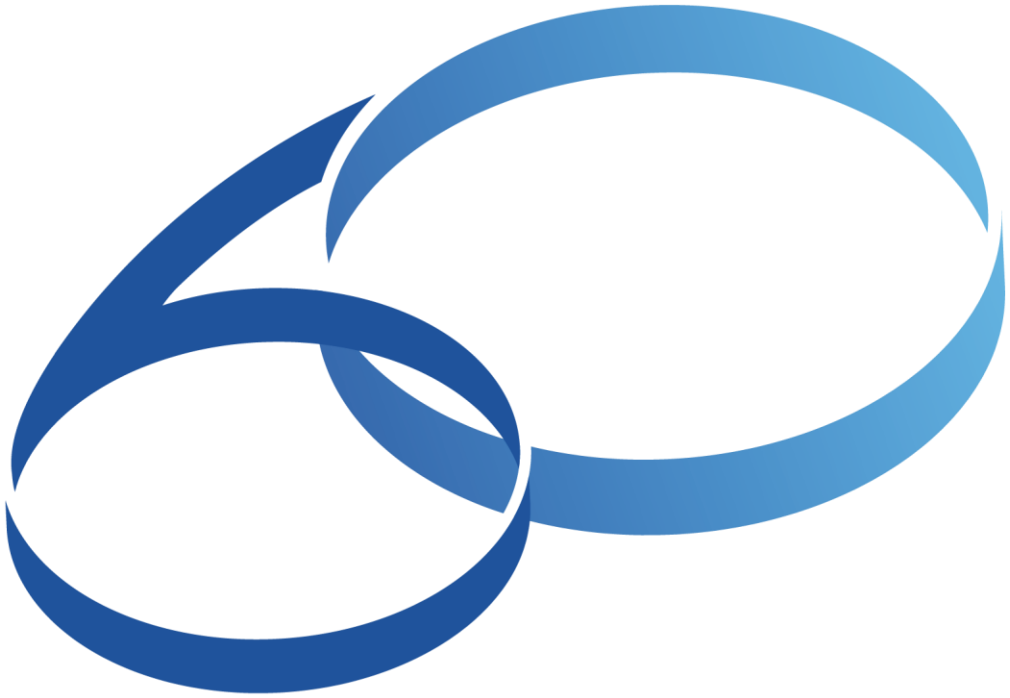
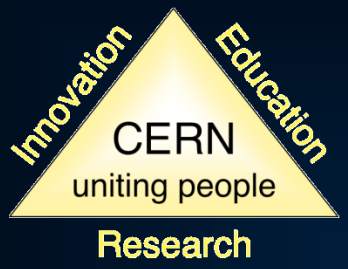


YEARS/ANS **CERN**

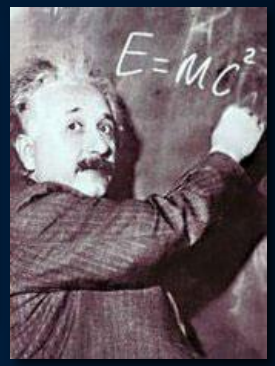
CERN
YEARS / ANS CERN



The Mission of CERN

- **Push back** the frontiers of knowledge

  E.g. the secrets of the Big Bang … what was the matter like within the first moments of the Universe's existence?



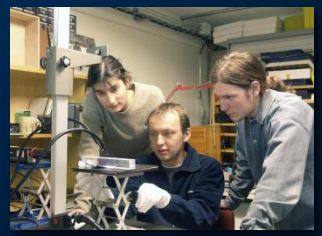
- **Develop** new technologies for accelerators and detectors

  Information technology - the Web and the GRID

  Medicine - diagnosis and therapy

Innovation
Education
CERN
uniting people
Research

- **Train** scientists and engineers of tomorrow



- **Unite** people from different countries and cultures

CERN was founded 1954: 12 European States

"Science for Peace"

Today: 21 Member States

~ 2300 staff
~ 1600 other paid personnel
~ 10500 scientific users

Member States: Austria, Belgium, Bulgaria, the Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Israel, Italy, the Netherlands, Norway, Poland, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom

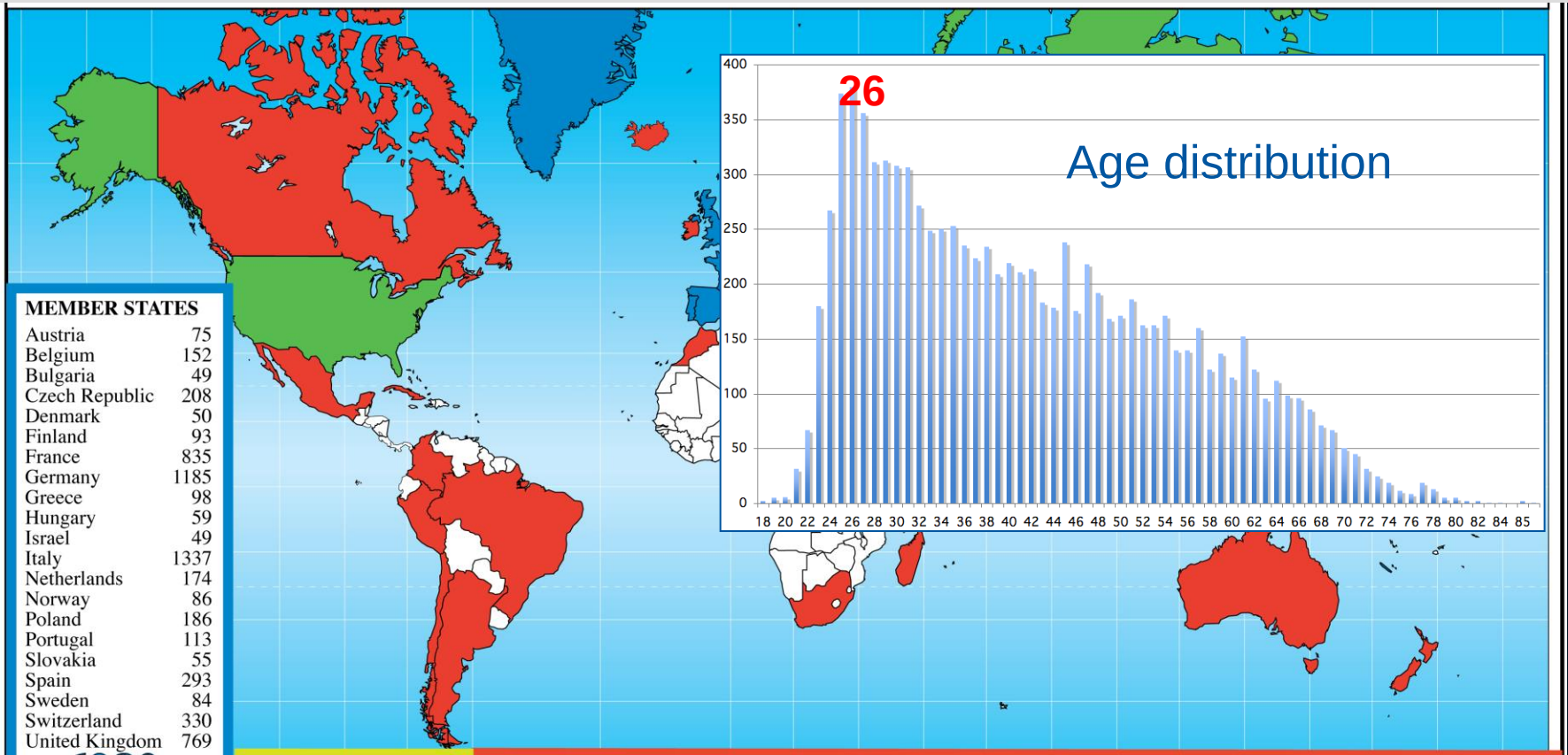
States in Accession to Membership: Romania, Serbia

Applicant States for Membership or Associate Membership: Brazil, Croatia, Cyprus, Pakistan, Russia, Slovenia, Turkey, Ukraine

Observers to Council: India, Japan, Russia, Turkey, United States of America; European Commission and UNESCO

Science is getting more and more global

Location of institutes of CERN's scientific users (98 nationalities)



MEMBER STATES	
Austria	75
Belgium	152
Bulgaria	49
Czech Republic	208
Denmark	50
Finland	93
France	835
Germany	1185
Greece	98
Hungary	59
Israel	49
Italy	1337
Netherlands	174
Norway	86
Poland	186
Portugal	113
Slovakia	55
Spain	293
Sweden	84
Switzerland	330
United Kingdom	769

6280

OBSERVERS	
India	153
Japan	217
Russia	890
Turkey	110
USA	1724

3094

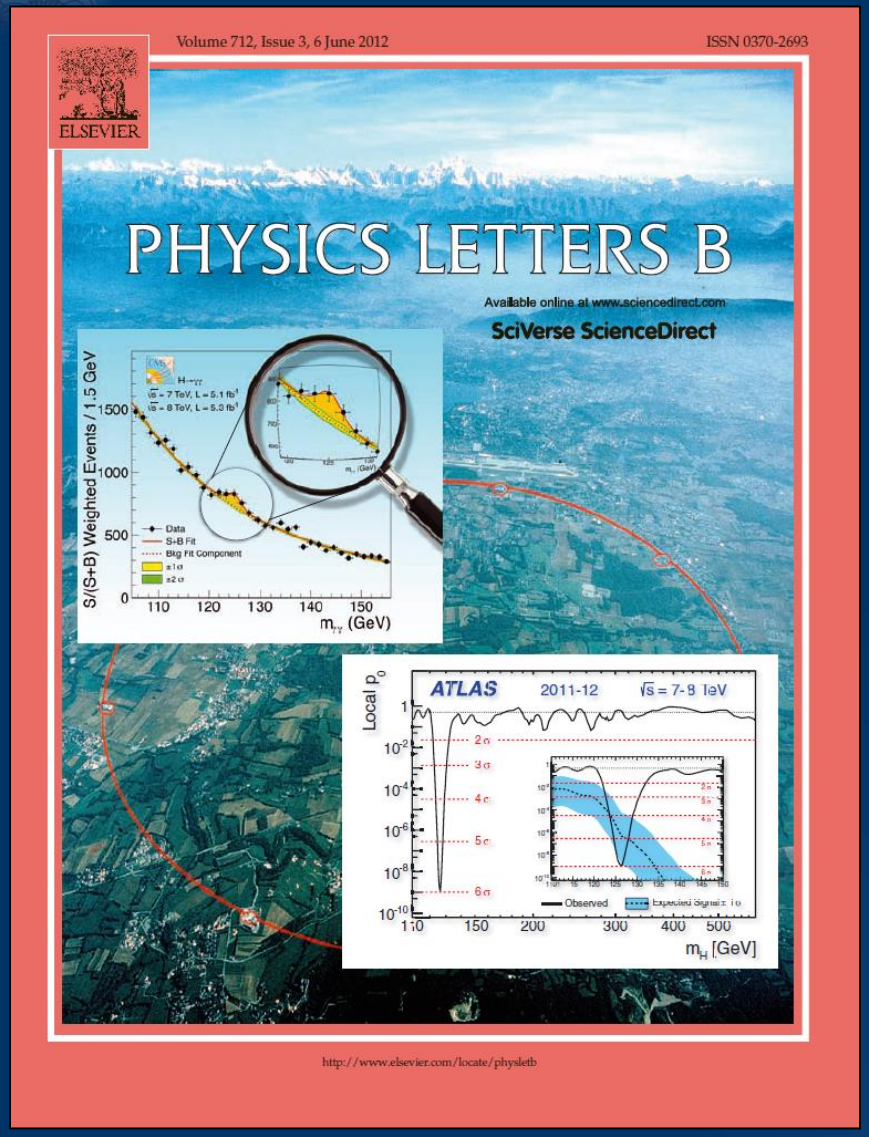
CANDIDATE FOR ACCESSION	
Romania	86

ASSOCIATE MEMBER IN THE PRE-STAGE TO MEMBERSHIP	
Serbia	30

OTHERS							
Argentina	13	China	122	Iran	20	Pakistan	18
Armenia	16	China (Taipei)	71	Ireland	5	Peru	2
Australia	39	Colombia	10	Korea	105	Saudi Arabia	3
Azerbaijan	2	Croatia	23	Lithuania	13	Slovenia	25
Belarus	24	Cuba	3	Madagascar	3	South Africa	32
Brazil	116	Cyprus	13	Malaysia	8	Thailand	8
Canada	147	Egypt	18	Mexico	46	T.F.Y.R.O.M.	1
Chile	8	Estonia	17	Montenegro	1	Ukraine	24
		Georgia	11	Morocco	6		
		Iceland	4	New Zealand	5		

982

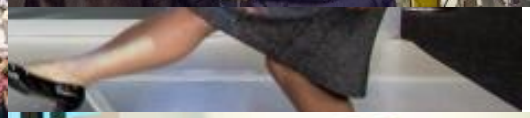
a remarkable year 2012

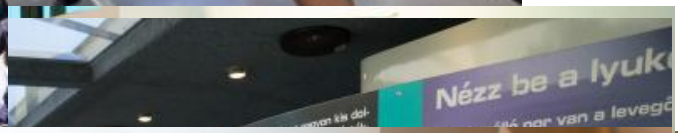


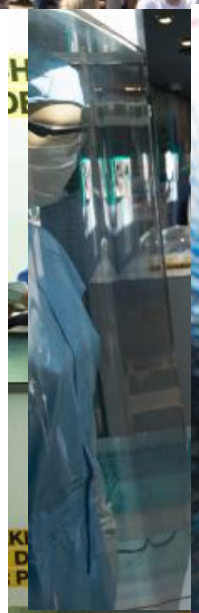
CERN60 Festivities

- One year of festitivies,
  - at CERN,
  - in the region of CERN,
  - in (nearly) all member states,
    - starting with Portugal in Januar
    - up to Belgium in December, and
  - with International Organizations
    - UN Geneva
    - UNESCO
    - UN HQ New York

CERN | 60 YEARS/ANS CERN







CERN | 60 YEARS / ANS CERN

CERN | YEARS/ANS CERN

Official Website

So far for the Introduction …

… now enjoy the details all around CERN from many different points of view …

… stay tuned!