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
  
  Medicine - diagnosis and therapy

- **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

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CANDIDATE FOR ACCESSION
- Romania: 86

ASSOCIATE MEMBER IN THE PRE-STAGE TO MEMBERSHIP
- Serbia: 30

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Age distribution

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

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a remarkable year 2012
CERN60 Festivities

- One year of festivities,
  - at CERN,
  - in the region of CERN,
  - in (nearly) all member states,
    - starting with Portugal in January
    - up to Belgium in December, and
  - with International Organizations
    - UN Geneva
    - UNESCO
    - UN HQ New York
CERN is celebrating 60 years of science for peace in 2014
So far for the Introduction ...

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

... stay tuned!