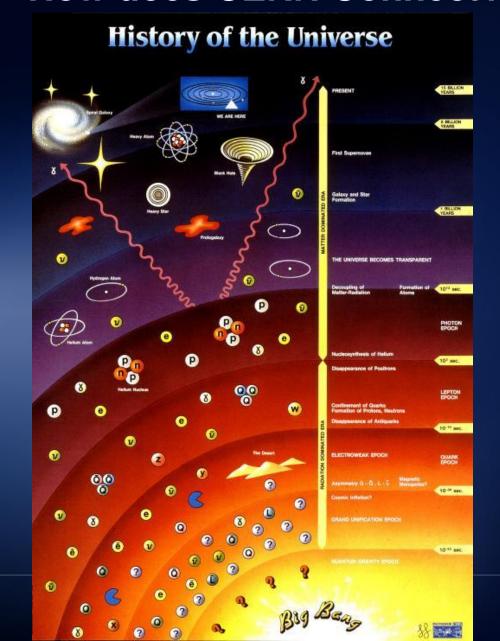
# Parallel Worlds: Connecting the Micro and Macro

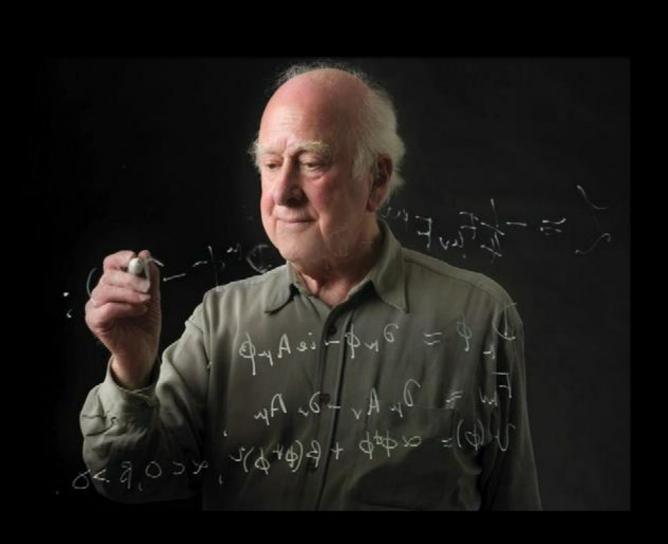
About CERN, Physics, and Innovation

OSU@Transatlantic, May 10, 2016 Markus Nordberg (CERN)

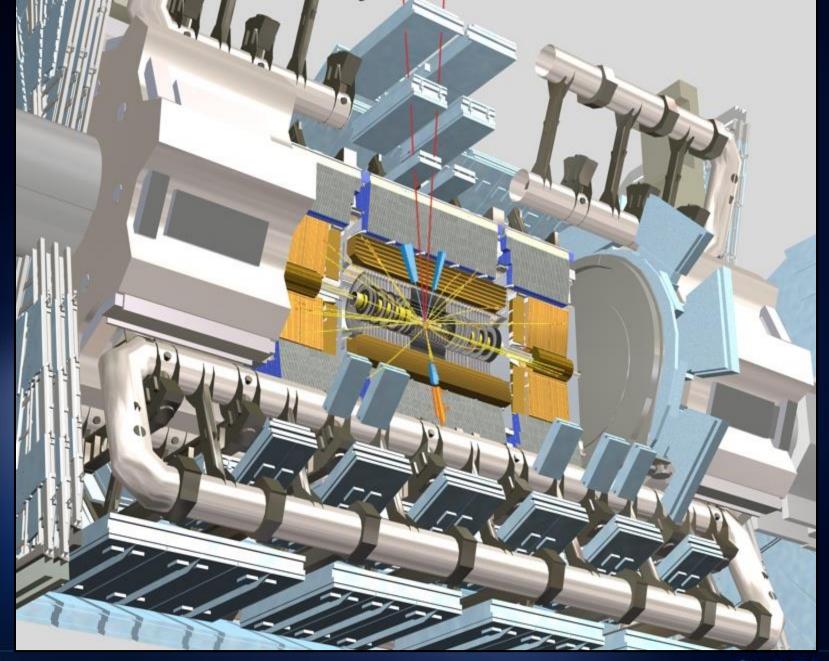
#### **How does CERN Connect?**



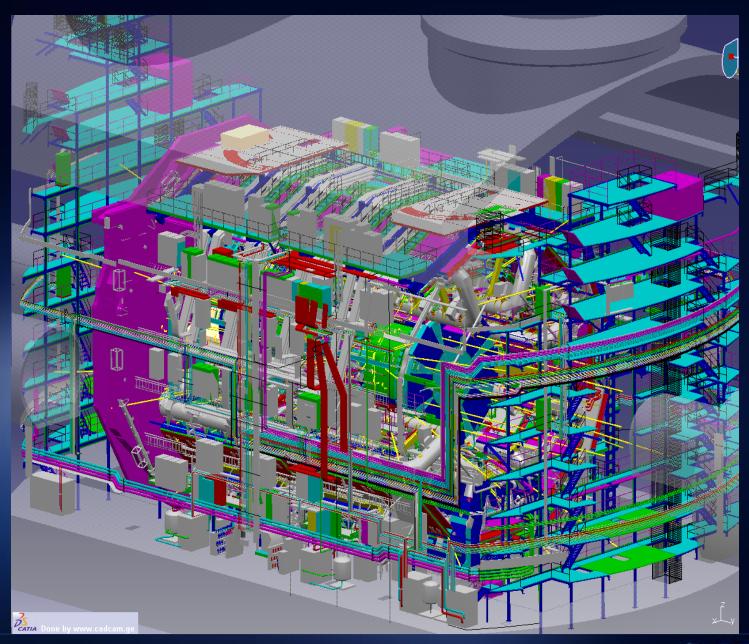
#### Where do we start?



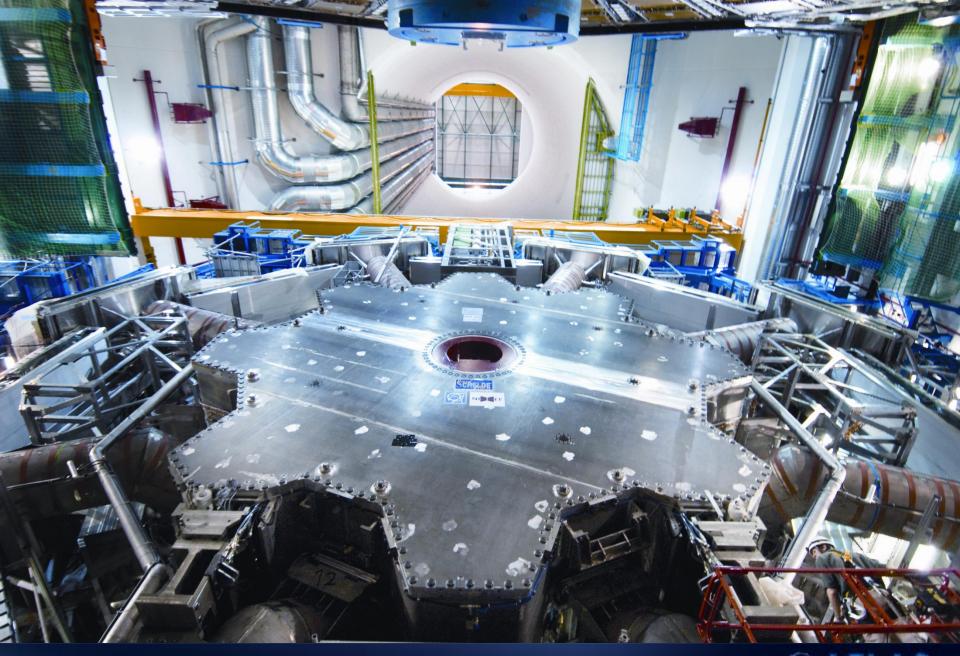














## Seeing the Micro needs the Macro (scopes)







### CERN was founded 1954: 12 European States **Today: 21 Member States**

- ~ 2300 staff
- ~ 730 other paid personnel
- ~ 11000 users
- Budget (2016) ~1000 MCHF



- 2 Candidate for Accession to Membership of CERN: Serbia, Romania
- 8 Observers to Council: India, Japan, the Russian Federation, the United States of America, Turkey, the European Commission and Unesco

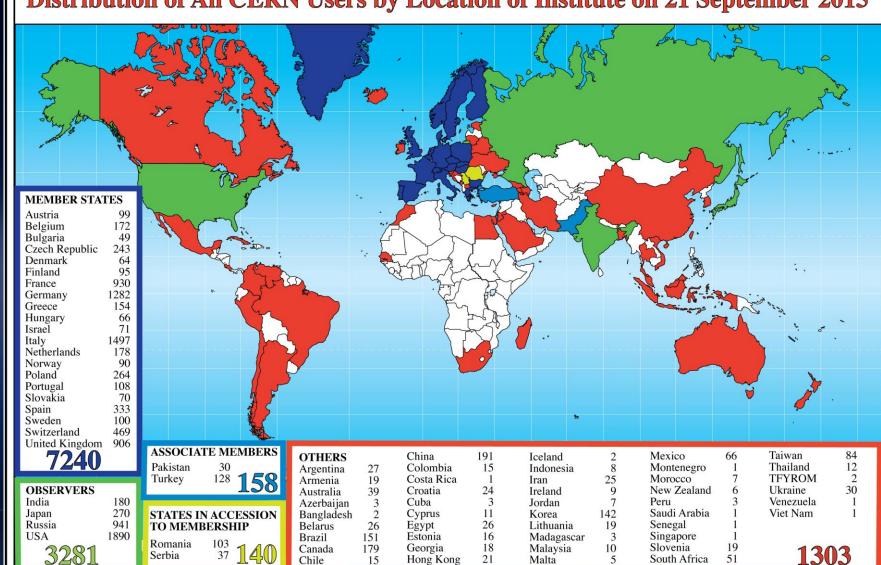






#### A Global Reach

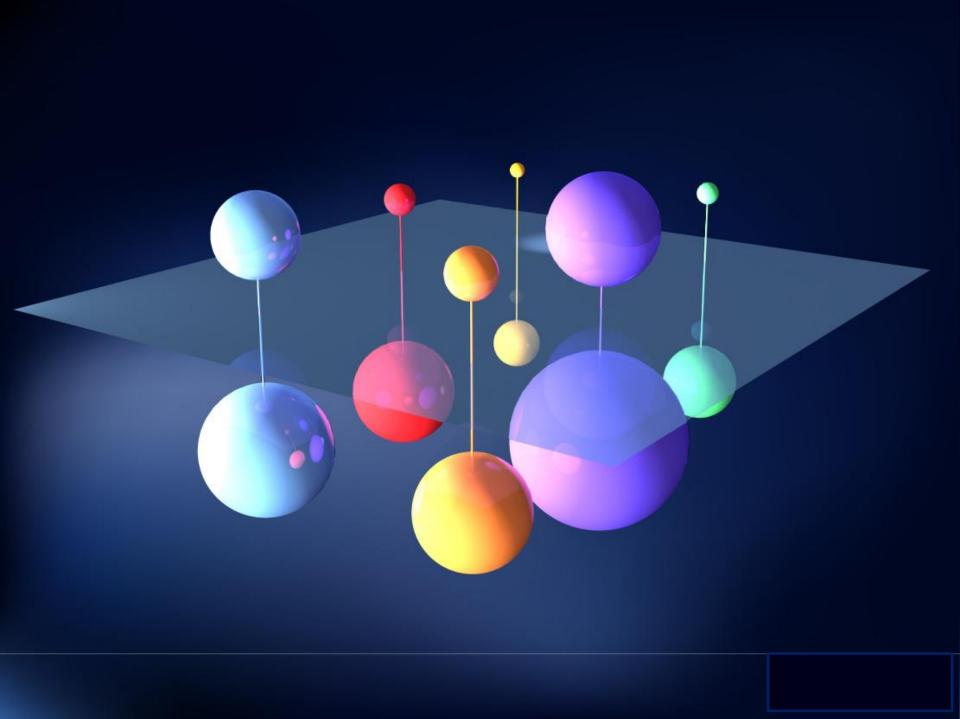
#### Distribution of All CERN Users by Location of Institute on 21 September 2015



#### (How) Do We Manage This?

1. Vision 2. Connitment 3. Tolerance



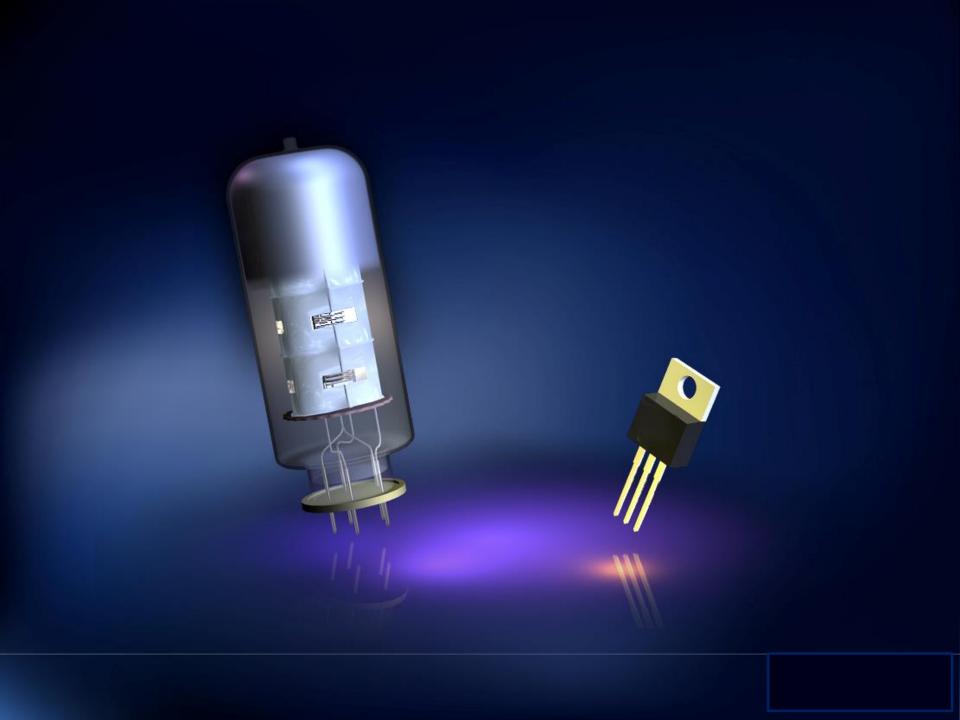
















What do you see differently?