



Sub-systems Interests

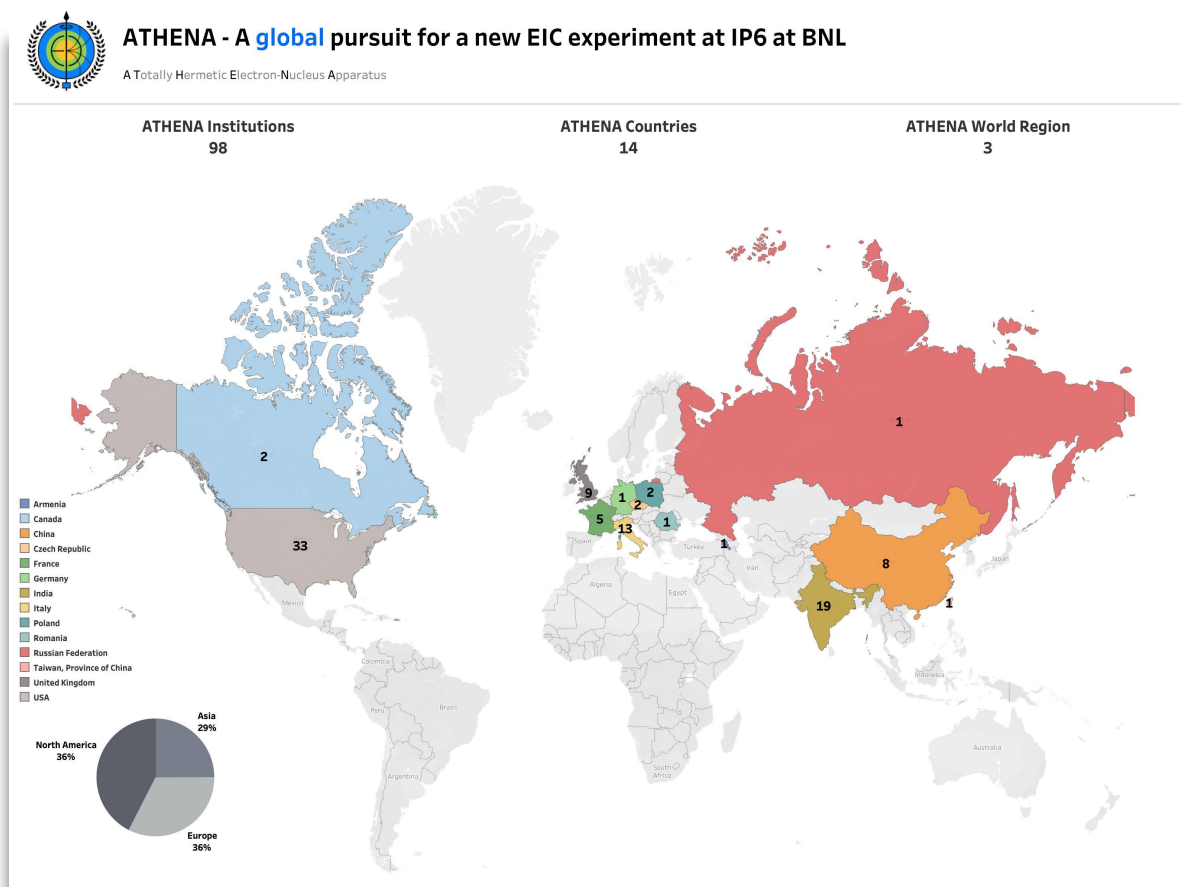
Bernd Surrow





Chapter 4: Collaboration

- Figure 4: World map showing the coverage of EIC institutions by country with 98 institutions, 14 countries, and 3 world regions, with a fraction of institutions by world region of 36% in North America, 36% in Europe, and 29% in Asia



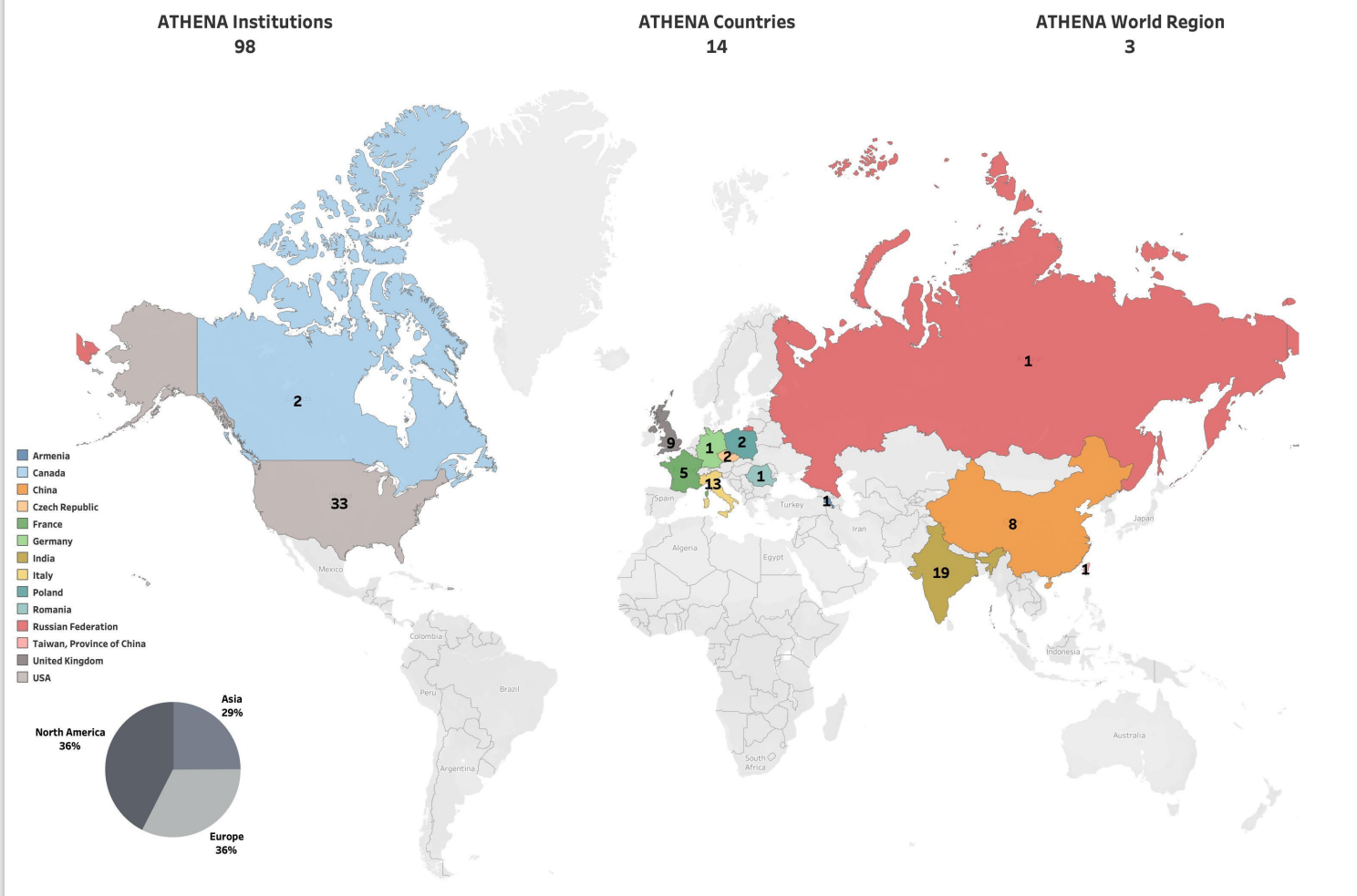


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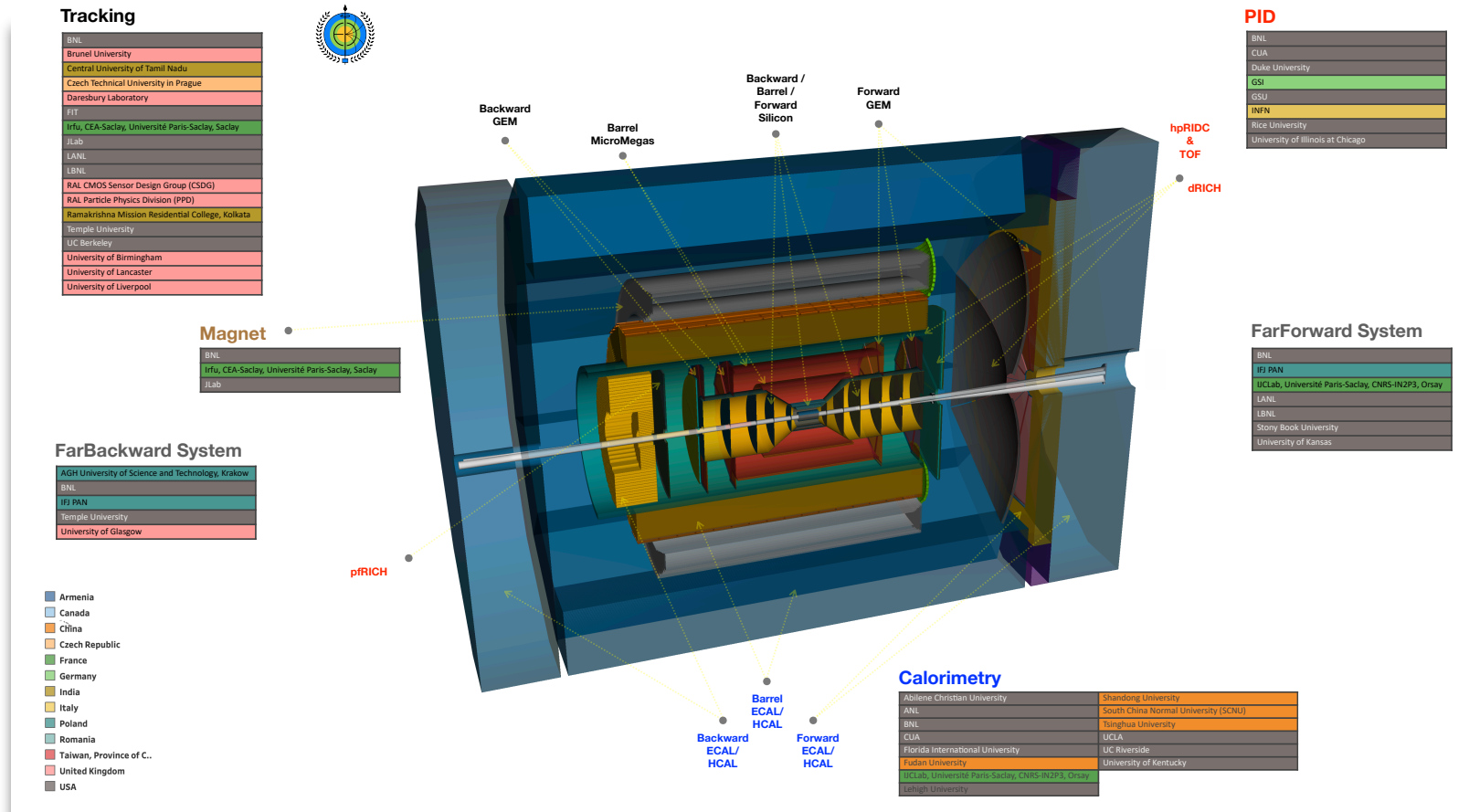
ATHENA - A **global** pursuit for a new EIC experiment at IP6 at BNL

A Totally Hermetic Electron-Nucleus Apparatus



Chapter 4: Collaboration

- Figure 5: EIC GEANT4 detector layout, highlighting ATHENA sub-systems mapped to institutional interests





Chapter 4: Collaboration

Tracking

BNL
Brunel University
Central University of Tamil Nadu
Czech Technical University in Prague
Daresbury Laboratory
FIT
Irfu, CEA-Saclay, Université Paris-Saclay, Saclay
JLab
LANL
LBNL
RAL CMOS Sensor Design Group (CSDG)
RAL Particle Physics Division (PPD)
Ramakrishna Mission Residential College, Kolkata
Temple University
UC Berkeley
University of Birmingham
University of Lancaster
University of Liverpool



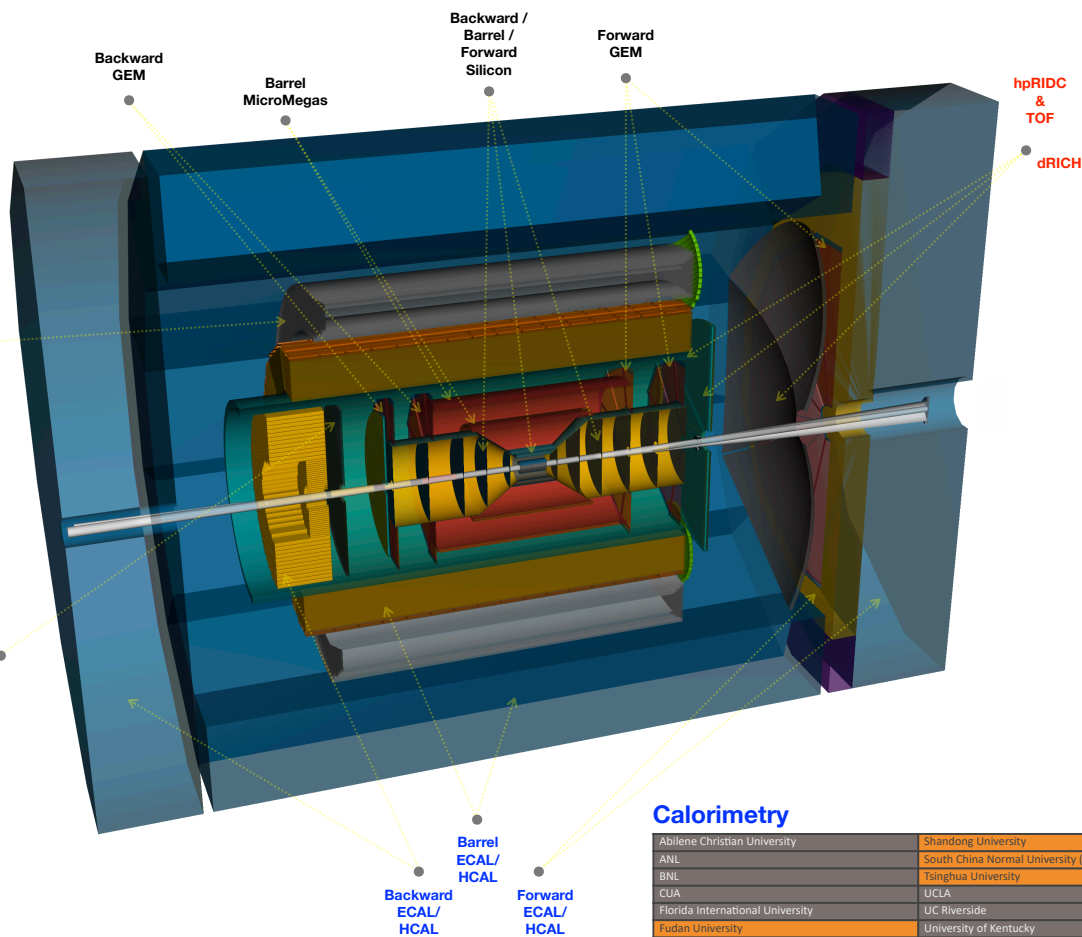
Magnet

BNL
Irfu, CEA-Saclay, Université Paris-Saclay, Saclay
JLab

FarBackward System

AGH University of Science and Technology, Krakow
BNL
IFJ PAN
Temple University
University of Glasgow

Armenia
Canada
China
Czech Republic
France
Germany
India
Italy
Poland
Romania
Taiwan, Province of C..
United Kingdom
USA



PID

BNL
CUA
Duke University
GSI
GSU
INFN
Rice University
University of Illinois at Chicago

FarForward System

BNL
IFJ PAN
UCLab, Université Paris-Saclay, CNRS-IN2P3, Orsay
LANL
LBNL
Stony Brook University
University of Kansas

Calorimetry

Abilene Christian University	Shandong University
ANL	South China Normal University (SCNU)
BNL	Tsinghua University
CUA	UCLA
Florida International University	UC Riverside
Fudan University	University of Kentucky
UCLab, Université Paris-Saclay, CNRS-IN2P3, Orsay	
Lehigh University	



Request

- Please let us know your interest for either now or in the future to participate towards an ATHENA sub-system
- This includes even foreseen interests on a global system, such a calorimeter, PID, tracking etc., without specifying yet, which individual sub-system your group would like to contribute towards. Any questions? surrow@temple.edu
- Link: https://tuprd-my.sharepoint.com/:x:/g/personal/tue59914_temple_edu/EaZCFwXLa1hNuSgbRxof6ywBTHPic_MWCZAIogBBRDat1w?e=glypZC