

# HEPIX Spring 2012 Meeting

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Charles University, Prague

on behalf of

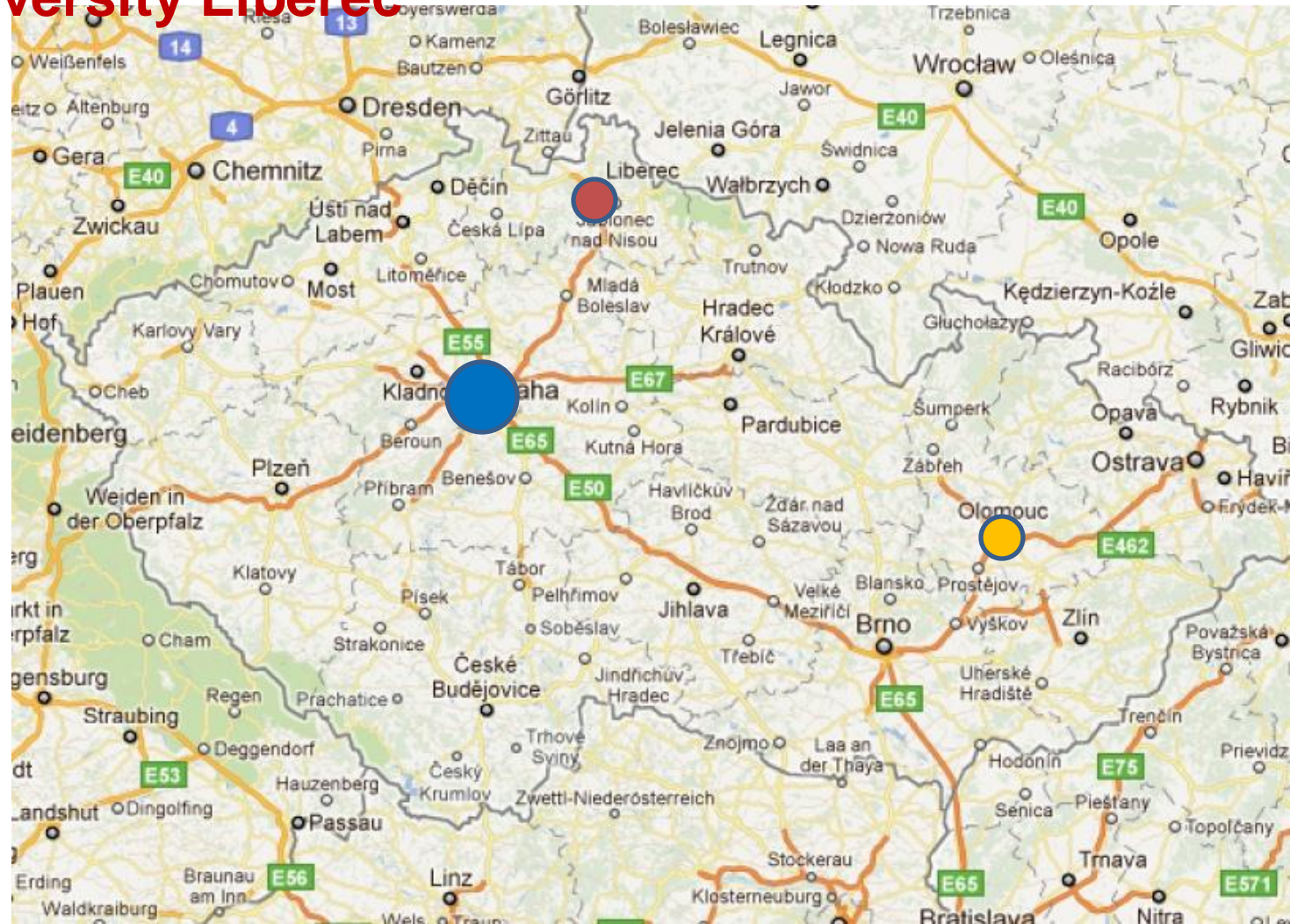
the Committee for collaboration of the Czech Republic  
with CERN

# Experimental particle physics in CZ:

Prague: Academy of Sciences, Charles University, Czech Technical University

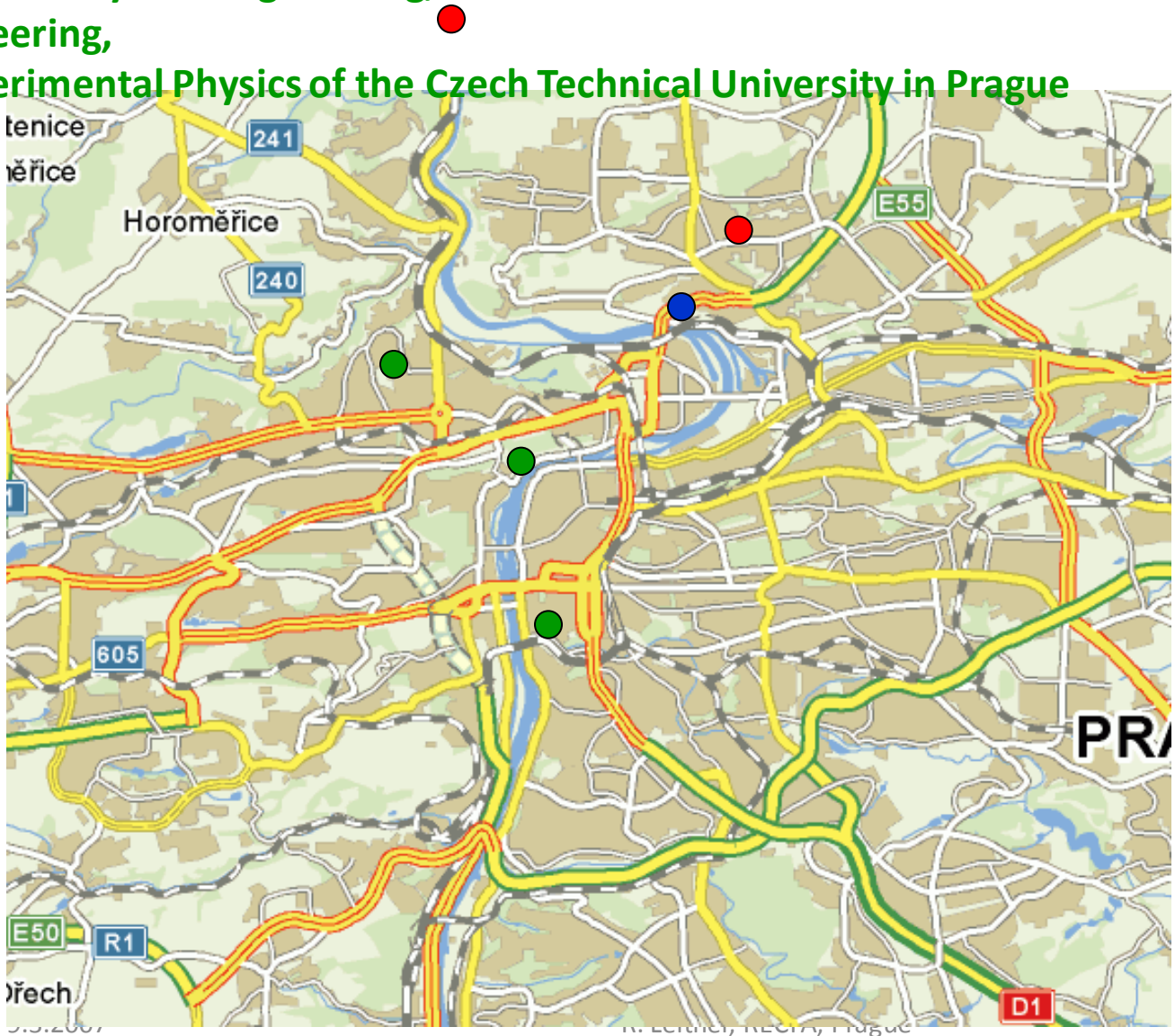
Palacky University Olomouc

Technical University Liberec



**Institute of Physics of the Academy of Sciences of the Czech Republic**  
**Nuclear Physics Institute of the Academy of Sciences of the Czech Republic, Rez u Prahy**  
**Faculty of Mathematics and Physics of the Charles University in Prague**  
**Faculty of Nuclear Sciences and Physical Engineering,**  
**Faculty of Mechanical Engineering,**  
**Institute of Applied and Experimental Physics of the Czech Technical University in Prague**

**PRAGUE**





# Major worldwide experiments with participation of CZ teams:

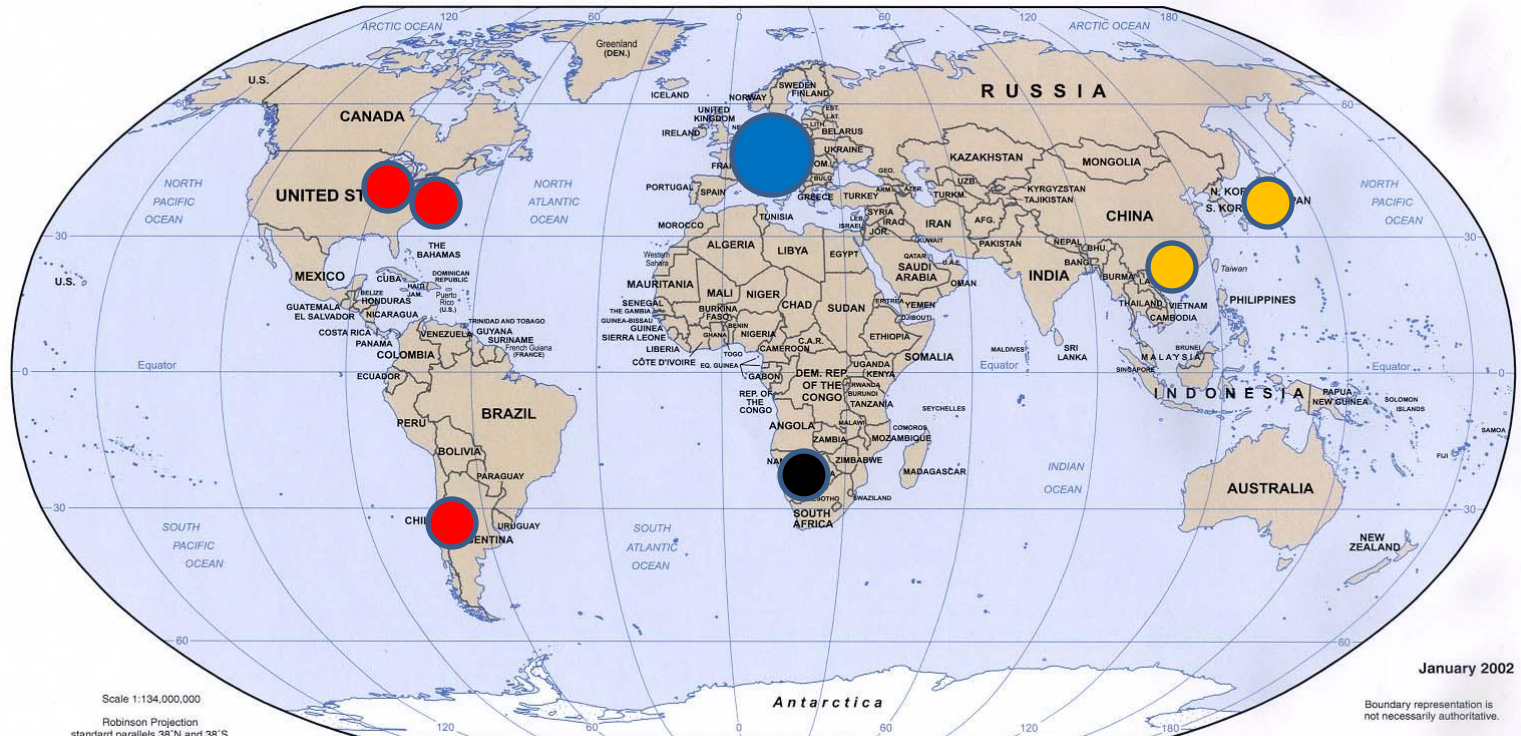
## Past experiments

**UA2, DELPHI**  
**NA4, H1, UA4**  
**WA94, 97**  
**NEMO**  
**CAT, CELESTE**

## Current experiments

**ATLAS D0 Belle**  
**ATLAS, TOTEM , D0, COMPASS, DIRAC**  
**ALICE, ATLAS, GSI, STAR, PHENIX**  
**SuperNEMO , KATRIN, Daya Bay, NOvA**  
**AUGER, HESS**

- EW and SM, CP
- Proton structure, QCD
- Heavy ions
- Neutrino physics
- Astro-particle physics



January 2002

Boundary representation is not necessarily authoritative.