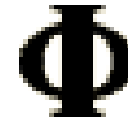




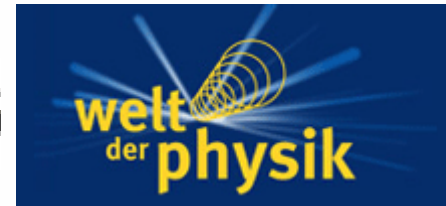
**TECHNISCHE  
UNIVERSITÄT  
DRESDEN**



Bundesministerium  
für Bildung  
und Forschung



DPG



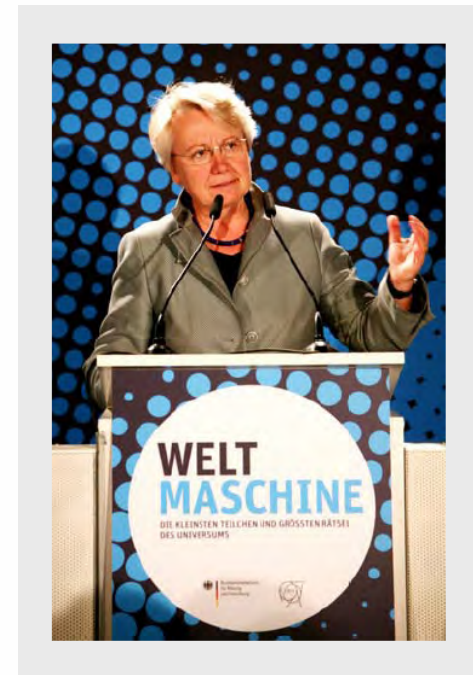
# Netzwerk Teilchenwelt (update)

EPPOG Meeting CERN  
14.10.2010

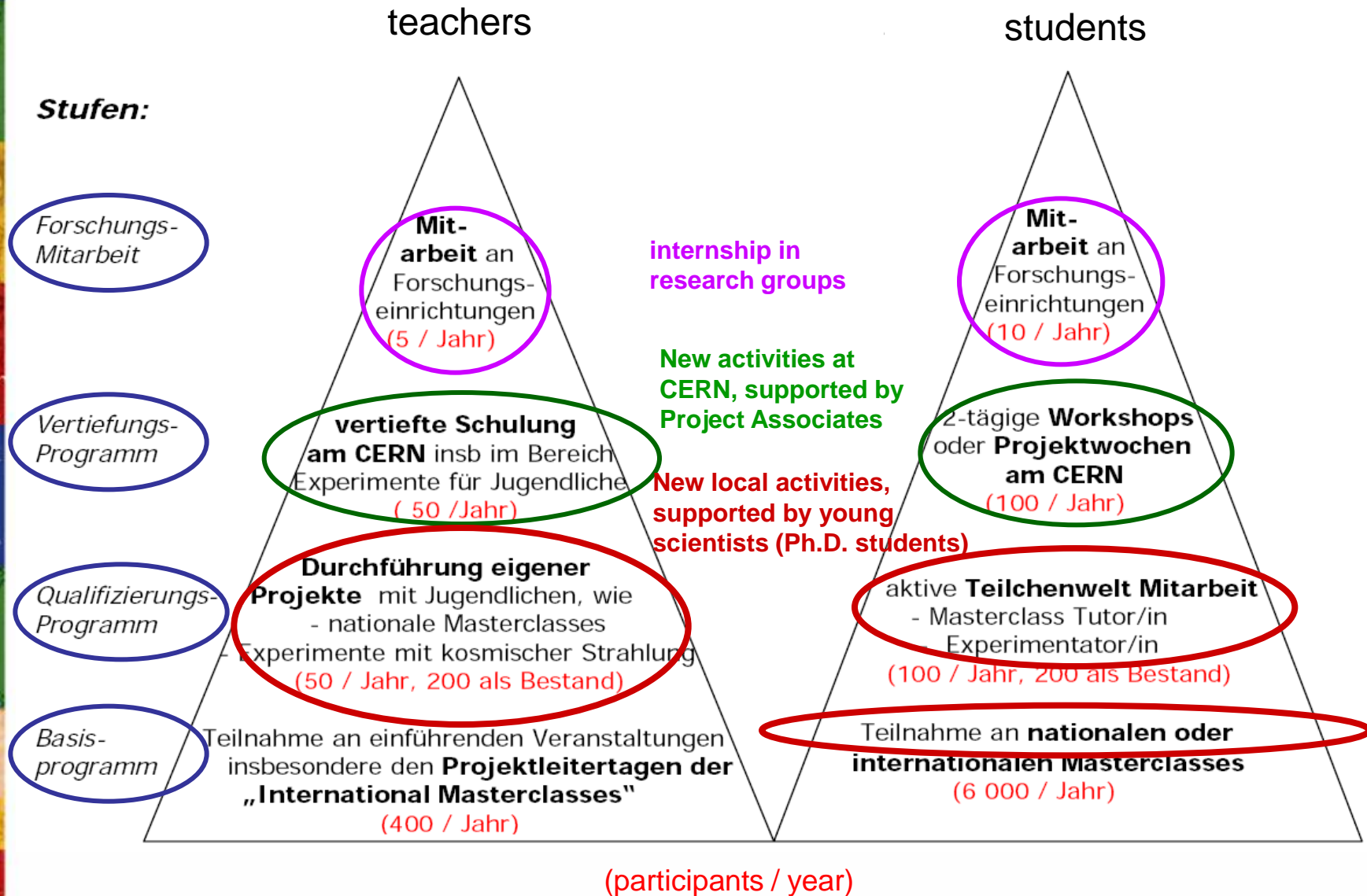
Michael Kobel

# Network Structure

- **Network between scientists, young people and multipliers for insight in scientific research in direct contact with CERN**
  - Students as young researchers aged 15-19
  - Multipliers: Teacher as working group leaders at school workshop responsables in museums, science centres or school labs
  - **All ~ 20 institutes of (astro) particle physics in D**
- **4 central elements**
  - **Local projects** all over the country (national masterclasses and cosmic rays)
  - **On-site experiences** at CERN
  - Development of **context materials**
  - Scientific **evaluation**
- **4 levels** for multipliers and students
  - **Basic level masterclasses** as introduction
  - **Qualification level** for membership
  - **Advanced level** at CERN
  - **Research level** internships at the institutes
- Funded with 750.000€ by Ministry for Science and Education



# project overview Netzwerk Teilchenwelt



# Status: well advanced

- **Basis Program:**
  - **Currently ~ 5 masterclasses / month somewhere in Germany**
  - **Aim: ~ 20 masterclasses / month**
- **Qualification program**
  - **Qualify by proliferation of program and/or experiences**
    - **Students: work as tutor, talks, poster, webpage, thesis,...**
    - **Teachers: organize events**
  - **First ~25 teachers qualified**
  - **First ~25 students qualified**
- **Advanced Level at CERN**
  - **1st teacher's workshop: 10.-15.10.10 NOW**  
<http://indico.cern.ch/conferenceOtherViews.py?view=standard&confId=93313>
  - **1st student's workshop: 26.-27.11.10**  
<http://indico.cern.ch/conferenceOtherViews.py?view=standard&confId=106875>
- **Research Level internships (count for student's bac)**
  - **Several ongoing**



# More info



- **Oslo EPPOG agenda**
- **Netzwerk Teilchenwelt website:**
  - [www.teilchenwelt.de](http://www.teilchenwelt.de)
- **First Newsletter:**
  - [www.teilchenwelt.de/ media/teilchenwelten-nr.1-09-2010.pdf](http://www.teilchenwelt.de/media/teilchenwelten-nr.1-09-2010.pdf)

