

# German (LHC) Outreach

- **Outreach Funding 2003-2006**
- **German Outreach Organisation from 2006**
  - **Oeko- Committee**
  - **Funding Situation**
- **LHC Outreach Concept**
  - **LHC Outreach Executive Group**
  - **Planned activities, pending funding**
- **Outlook**

Michael Kobel  
Technical University Dresden

European Particle Physics Outreach Group Meeting, CERN, 7.10.2006

## Sad News

- Michael Altmann (1967-2006)
  - OeKo responsible for LHC outreach
  - 2007 OeKo chair-elect and EPPOG member
  - Scientist at GERDA
  - Chief executive and outreach officer of Max-Planck Institute of Physics, Munich

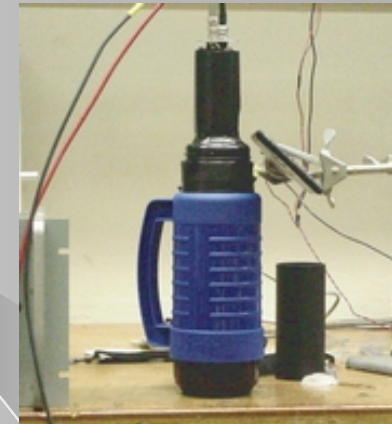
died in a fatal climbing accident on 31.7.2006



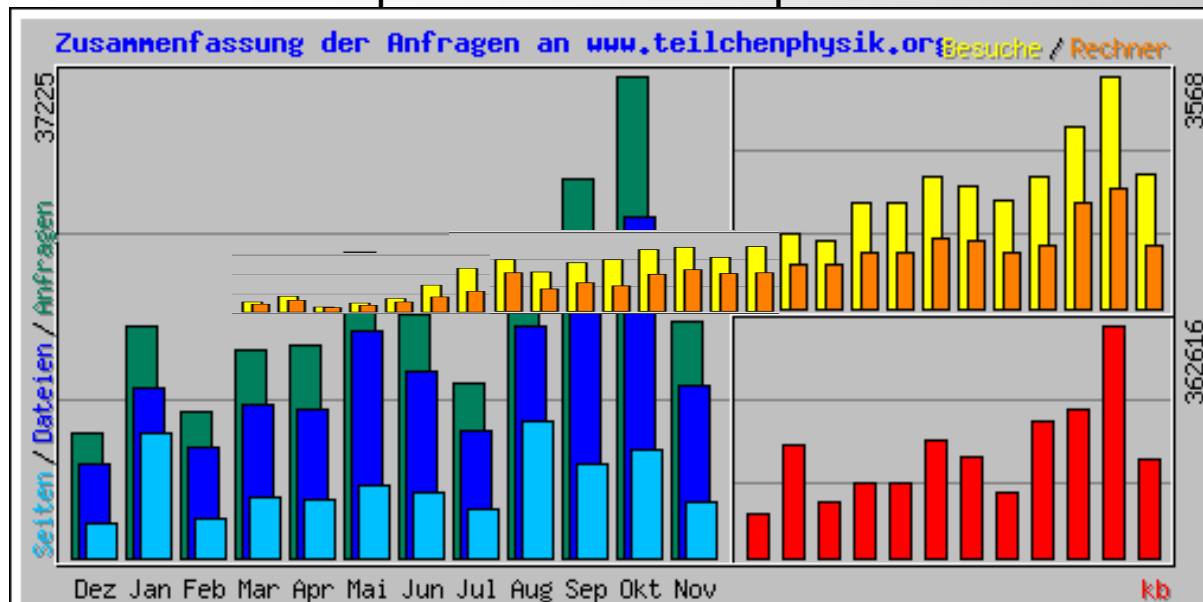
We all miss him

# Outreach funding in Germany 2003-2006

- July 2003 – June 2006: first official outreach application to BMBF
  - 22 k€ / year corresponding to 0.2% of total HEP support (equiv. to 1 Ph.D. student position)
  - Coordination: EPPOG member (MK)
- Some Projects:
  - maintenance of [www.teilchenphysik.org](http://www.teilchenphysik.org)
  - particle physics experiments for schools: Kamiokanne
  - CERN 50 anniversary: poster, DVD
  - masterclasses 2005+2006: organisation, CD travel prizes for student quiz



Th. Trefzger (Uni Mainz)



# OeKo „Oeffentlichkeits Komitee“

[www.teilchenphysik.org/oeko.htm](http://www.teilchenphysik.org/oeko.htm)

- Nominated by KET (elected Committee of Particle Physics) following suggestions from Particle Physics (PP) Community
- **Mandate for 3-year term**
  - Outreach responsables for whole German PP community
  - Chair acts as EPPOG member from German institutes
  - Additional DESY EPPOG member: Thomas Zoufal (DESY Press office)
- Elected Members 2006 – 2008 (all scientists(!))
  - Michael Kobel (Univ Dresden, [masterclasses](#), chair 2006)
  - Thomas Trefzger (Univ Mainz, [teachers+schools](#))
  - Tobias Haas (DESY, [www.teilchenphysik.org](http://www.teilchenphysik.org))
  - Jochen Schieck (MPI Munich, successor of Michael Altmann)
- Ressources Support from MPI and DESY (ExpS, PR)
- **Plan: have own BMBF 3-year funding**

# Funding Situation

- OeKo outreach funding application 2006-2009
  - Turned down due to new research funding structure:
    - „Forschungsschwerpunkte“ FSP (focus of research excellence)
    - figurehead of BMBF PP funding in Germany: ALICE, ATLAS, CMS
  - Outreach funding should run via FSPs
- German LHC Outreach Concept
  - Task assigned from KET to Oeko
  - Delivered March 2006, iterations with FSPs and BMBF
  - Final Concept July 2006, submitted by FSPs to BMBF  
total sum: 300 k€ over 3 years (100 k€/FSP)
  - Targets: Public, Politicians, Journalists, Schools, (other Scientists)
- All granted by BMBF, BUT
  - 66 k€ for LHC movie and multimedia, as applied
  - Rest for „political awareness“ of new funding structure
    - FSP inauguration, Web pages, administration
  - „currently“ no funding for Public, Journalists
  - No funding for schools (e.g. masterclasses)

# German Executive LHC Outreach Group (GELOG)

[www.teilchenphysik.org/lhc.htm](http://www.teilchenphysik.org/lhc.htm)

## ● Mandate:

- coordinate implementation of measures of the German LHC Outreach Concept, either by themselves or via other sources
- Communicate with CERN, interactions.org, LOG, and national LHC outreach groups

## ● Members:

- ALICE outreach contact: Rainer Schicker (Heidelberg)
- ATLAS outreach contact: Thomas Trefzger (Mainz), pending
- CMS outreach contact: Thomas Hebbeker (Aachen)
- LHCb outreach contact: Stefanie Menzemer (Heidelberg)
- KET (OeKo) representative: Michael Kobel (Dresden)
- KHuK (Committee f. Hadrons&Nuclei): Horst Lenske (Giessen)
- DESY representative: Thomas Naumann
- GSI representative: Reinhard Simon
- MPI representative: Jochen Schieck
- CERN representative: Michael Hauschild

# German LHC Outreach Concept agreed by all FSPs

## ● Aim

- Use LHC physics to foster public awareness of fundamental research and its relevance to society
- Convey the fascination and findings of particle physics (PP)

## ● Message

- Results of PP research are cultural knowledge for everybody
- German scientists and institutes contribute centrally to the LHC
- Technology transfer brings immediate profit for other areas

## ● Implementation

- local and central activities
- direct contact of scientists with public
- target-specific actions for
  - introducing central questions of research
  - explaining methods of research
  - conveying its results (past, current, possible future)
  - mentioning technology transfer (including education)



## Some planned central Activities

- FSP Web Pages (e.g. [www.fsp101-atlas.de](http://www.fsp101-atlas.de) )
- FSP Inauguration (2.2.2007 in Bonn)
- German Journalist Day at CERN (1./2.11. 2006)
  - now funded by MPI + DESY
  - continuous updating events in coming years (funding pending)
- Multimedia (BMBF funding)
  - German LHC film (in progress)
  - TV / print footage material
  - DVDs, CDs, brochures,...
- Central LHC Exhibition in Berlin (funding pending)
  - parallel to official CERN inauguration / open day (summer 08?)
  - address all targets: public, schools, politicians, journalists
- Build or collect demo-material (e.g. detector models)
- Particle physics for everybody (masterclasses, ESOF, etc)



# Conclusions & Outlook

- OeKo lost its funding from BMBF
  - [www.teilchenphysik.org](http://www.teilchenphysik.org) continuing via DESY
  - Masterclasses should also continue!
    - ✦ Need \*YOUR\* help!
- New „FSP“ structure of BMBF research funding
  - „Outreach“ only via FSPs
  - „Outreach“ ≠ Outreach!
- 3-year LHC Outreach Concept agreed by all FSPs
- New German LHC Outreach Group GELOG established
- We'll try our best to improve funding situation

# Good Bye

- My last talk as German EPPOG member and Oeko chair
- Will try to continue (funding permitting) as
  - International Masterclass coordinator
  - One member of German Executive LHC Outreach Group GELOG
- \*thanks\* for all your support in the last years!