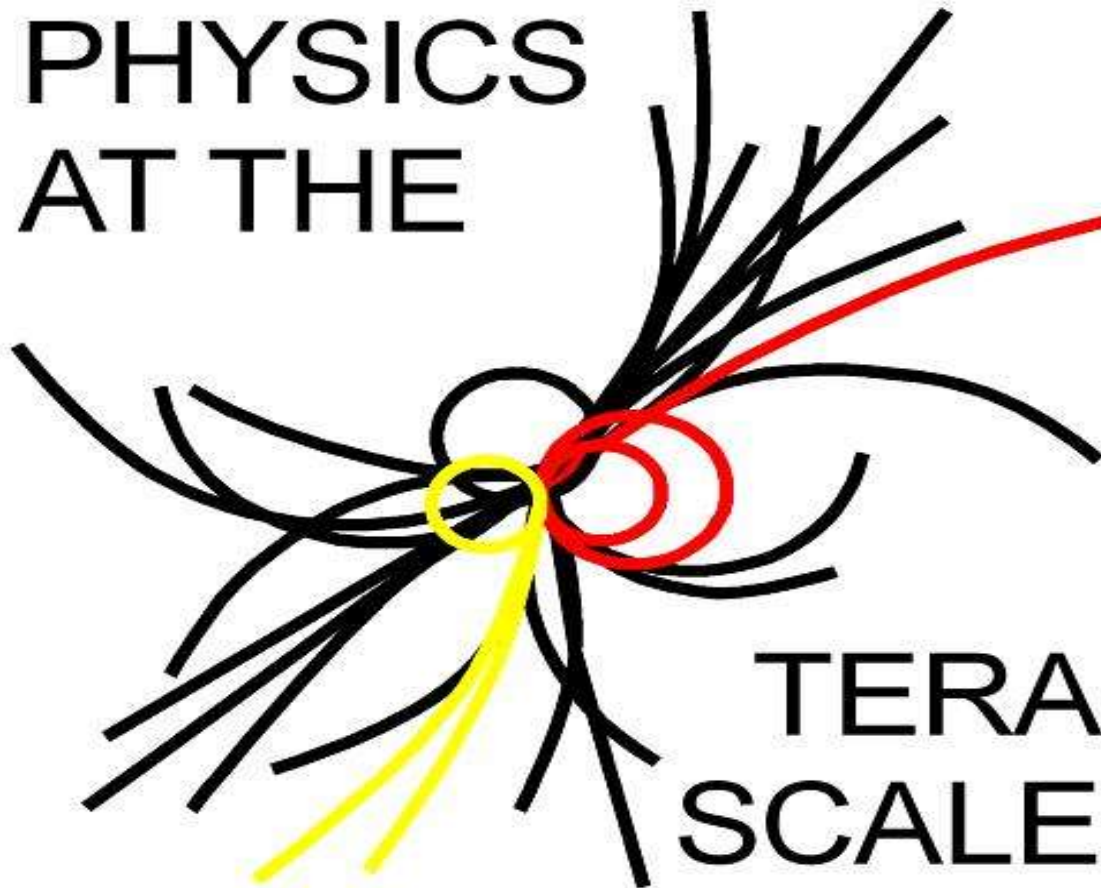


PHYSICS
AT THE



TERA
SCALE

Helmholtz Alliance

Klaus Mönig



Helmholtz Alliance

“Physics at the Terascale”

- The Helmholtz alliance is an alliance of all German labs and universities working in ATLAS, CMS, ILC under the leadership of DESY
- It contains data analysis, grid computing, detector development and accelerators
- It is financed by the HGF with 25Meuro over 5 years

Analysis in the Alliance

- The alliance will enable close collaboration between German groups on analysis
- In an Analysis Centre at DESY we will hold workshops from beginners tutorials to expert workshops on specific topics
- Also German theorists are involved in the alliance

The National Analysis Facility

- The alliance includes a National Analysis Facility (NAF) that provides computing power to German groups beyond what is included in WLCG
- The NAF should span the range from raw/ESD analysis to interactive ntuple analysis
- Details are currently being worked out

Generators in the Alliance

- A new Young investigators group will be created in Karlsruhe to work in event generators
- A few new fellows in the alliance are planned for the same topic
- The analysis centre at DESY will provide generator support for the German groups
- Two new positions will be created for the analysis centre, additional manpower comes from DESY
- Hannes Jung will organise a first generator school later this year.