

# CMS Core Software & Support

- Introduction = Preparation Summary
- Redesign of CMS Edm & Framework
- CMS Software Support

# Preparation Summary

- Add an explicit single Event class
- Add explicit framework modules
- Simplify object model
- Add an explicit scheduler
- Enhance the existing parameter set system and add an Edm interface to it
- Simplify physical design of the existing code
- Make dynamic loading more robust/config.
- Remove multi threading as a user issue

# *CMS Software Support Areas*

- *Environment setup*
- *Code Management (CVS)*
- *Software Distribution*
- *Software Installations (in AFS area and locally on the UAF)*
- *Data samples*
- *Software build system (SCRAM)*
- *Validation and test examples*
- *Multiple platforms support*
- *Documentation*
- *User Support*
- *Disk space management*
- *Access control*

# People

*Natalia:*

- *support environment setup utilities and scripts (site specifics)*
- *software installations, configuration, validation, tests, periodic software builds to insure SQ*
- *manage local CVS repository and access to repositories at CERN*
- *managing AFS space: structure, access control, backup, monitor usage*
- *beta-testing new versions and tools: SCRAM, CMSInstall, IGUANACMS and other*
- *users support: installation requests; help in resolving setup, build and runtime problems*
- *instruct and help remote USCMS sites in software installation/use*
- *documentation: provide user instructions, development and support for automatically updated web-pages.*
- *OS configuration adjustments, test systems after upgrades/downtime.*

*Hans:*

- *computing infrastructure (UAF)*
- *user support (accounts, training, documentation, gather requirements)*

*Yujun:*

- *Transfer data samples from CERN*