Key topics on Grid + storage tutorial
Stefán Péter, Szalai Ferenc, Vitéz Gábor

Introduction
        What is the grid?
        What is ClusterGrid?

Architecture of the ClusterGrid infrastructure
        Computer networking technologies used
                MPLS VPN backbone connection
                Local VLAN solutions
        Operating system architecture
                Lab resource installation methods
                Lab resource configuration methods
                Thin client solutions

The ClusterGrid middleware
        Architecture and operation of Grid UnderGround (GUG) middleware
        How to create own web services in GUG?
        User interfaces - demonstration

Distributed data storage system of ClusterGrid
        Introduction into storage systems
        AoE protocol and Coraid devices – demonstration
        Architecture and operation of NIIF's 18 Tbyte grid data storage
        raid6, lvm, building high availability (HA) system

File-based, distributed grid storage service
        Architecture and operation
        Different web services of the system
        User interfaces - demonstration