Computer Security

Mark Leininger
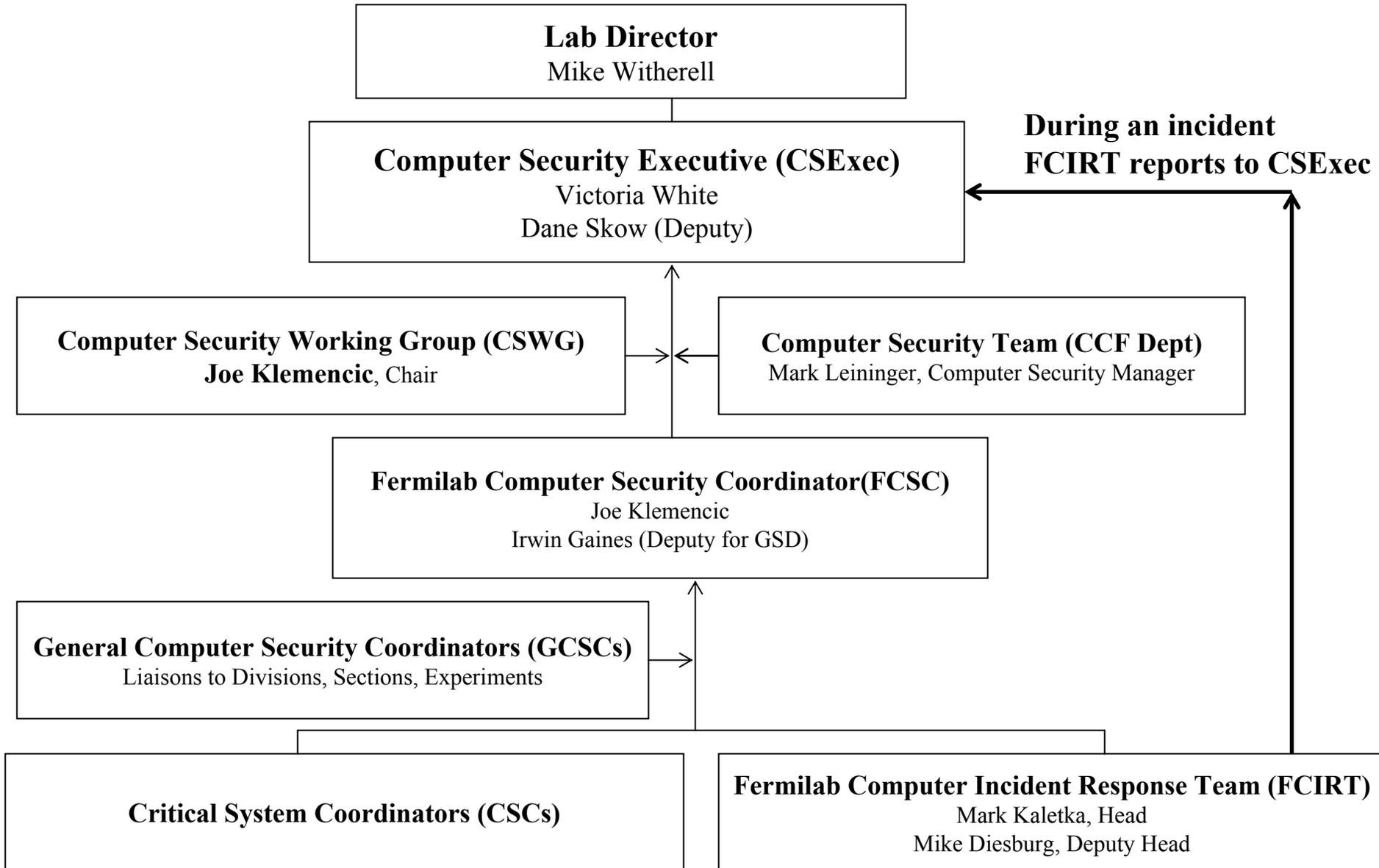
Computer Security Team

3/9/2005

Personnel transition

☞ Mark Leininger assumes part of Dane Skow's role and part of Donna Dyxin's role.

☞ Joe Klemencic assumes Matt Crawford's role.

Fermilab Computer Security Organization

Lab Director
Mike Witherell

Computer Security Executive (CSExec)
Victoria White
Dane Skow (Deputy)

**During an incident
FCIRT reports to CSExec**

Computer Security Working Group (CSWG)
Joe Klemencic, Chair

Computer Security Team (CCF Dept)
Mark Leininger, Computer Security Manager

Fermilab Computer Security Coordinator(FCSC)
Joe Klemencic
Irwin Gaines (Deputy for GSD)

General Computer Security Coordinators (GCSCs)
Liaisons to Divisions, Sections, Experiments

Critical System Coordinators (CSCs)

Fermilab Computer Incident Response Team (FCIRT)
Mark Kaletka, Head
Mike Diesburg, Deputy Head

Computer Security Oversight

- ☞ September 11
- ☞ FISMA (security, fiscal responsibility)
- ☞ NIST (standards for implementing FISMA)
- ☞ OMB (Applies FISMA to federal agencies)
- ☞ DOE

Oversight Implications

☞ Perception of security as important as security (hypernews incident)
☞ Lesson: webservers are large vulnerability
☞ Use centrally supported web servers if possible.
☞ Greater Reporting Requirements
  – New DOE requirements for the Fermilab Computer Security Plan
  – Peer Reviews
  – OA, GAO, OMB audits
☞ Agency Scorecards

New Security Culture

☞ More inclusion in policy process
  – CSWG participation
  – Strengthen role of General Computer Security Coordinators (GCSCs)
  – FCIRT members from other divisions

☞ Windows Policy Committee is a good example of cooperative policy efforts.

Online Training

☞ Response to frustration with online training classes

☞ Intermediate class now offered:
- Basic Computer Security
- Desktop System Administrators
  - Windows
  - Unix
- Fermilab System Administrators

☞ Brief explanation of correct answer

☞ Computer Security threats dynamic

Computer Security Awarness Day

☞ Tuesday, March 8 in 1W and Curia II

☞ Good way to satisfy required computer security training course.

☞ Free candy