

Supported by



Office of
Science

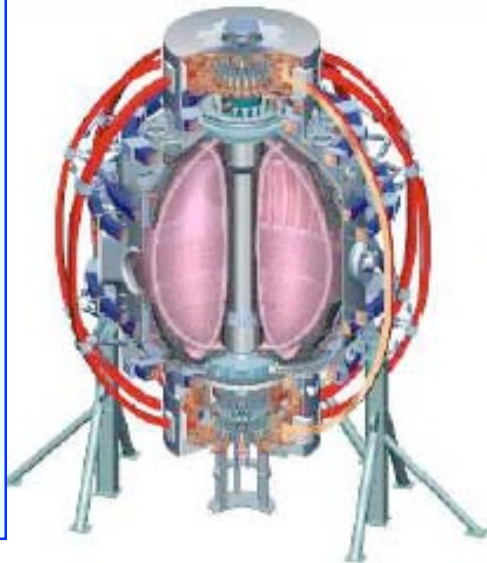


NSTX Team Meeting

September 23, 2008

Masa Ono

College W&M
Colorado Sch Mines
Columbia U
Comp-X
General Atomics
INEL
Johns Hopkins U
LANL
LLNL
Lodestar
MIT
Nova Photonics
New York U
Old Dominion U
ORNL
PPPL
PSI
Princeton U
SNL
Think Tank, Inc.
UC Davis
UC Irvine
UCLA
UCSD
U Colorado
U Maryland
U Rochester
U Washington
U Wisconsin



Culham Sci Ctr
U St. Andrews
York U
Chubu U
Fukui U
Hiroshima U
Hyogo U
Kyoto U
Kyushu U
Kyushu Tokai U
NIFS
Niigata U
U Tokyo
JAERI
Hebrew U
Ioffe Inst
RRC Kurchatov Inst
TRINITY
KBSI
KAIST
ASIPP
ENEA, Frascati
CEA, Cadarache
IPP, Jülich
IPP, Garching
ASCR, Czech Rep

NSTX Team Meeting Agenda



- **General Items (M. Ono)**
- **Outage Updates**
 - **Engineering (A. vonHalle)**
 - **Experimental Research Operations (M. Bell)**
 - **Physics Analysis (S. Kaye)**
- **Program Items (J. Menard)**

Safely, Safely, Safely



- **ES&H Issues (J. Levine)** - the Lab's safety performance with regard to injury rates improved over the last year, and was the best it has been since 2005. However, we need to continue to improve by following ISM and exercising safe behavior in the planning and conducting of work (including cleaning up afterwards)

This is particularly important during the NSTX outage as the hazards and risks are higher at that time.

- **Maintaining Health and Safety provides the foundation for what we do!**
 - **Maintain good housekeeping** - Keep only things we need and find a proper place for everything. Reduce uncertainties and unexpected such as working and looking for things in cluttered environment. Put back tools and equipment promptly once their use is completed.
 - **Use proper personal protection equipment** - Safety glasses, proper gloves, and clothing will go a long way to avoid injuries
 - **Avoid fatigue** - People tend to make mistakes when they are physically and mentally fatigued. Make sure people take needed rest breaks (which varies depending on the job scope) and do not let people work excessive hours.
 - **Keep fit** - Regular, proper exercise including some degree of muscle tone maintenance can go a long way in preventing some of the muscle related injuries! We have a nice exercise room.

NSTX Upgrades



- **NSTX is preparing for OFES/DOE the mission needs (CD-0) material for the upgrades proposed in the 5-Year Plan FY 09 - 13**
 - **New Center-Stack**
 - **Second NBI**
- **A formal project will be established for each upgrade**
- **Draft CS Schedule:**
 - **CD-0 (Mission needs) - Early FY 09**
 - **CD-1 (CDR) - Late FY 09 (including physics requirements)**
 - **CD-2 (PDR) - FY 10**
 - **CD-3 (FDR) - FY 11**
 - **CD-4 (Operational readiness) - FY 12**
- **Draft NBI Schedule:**
 - **CD-0 (Mission needs) - Early FY 09**
 - **CD-1 (CDR) - FY 10 (including physics requirements)**
 - **CD-2 (PDR) - FY 11**
 - **CD-3 (FDR) - FY 11**
 - **CD-4 (Operational readiness) - FY 14**