

NSTX-U outreach through seminars at universities

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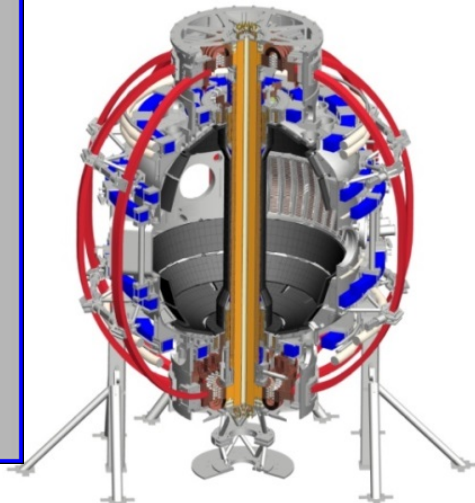
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May 15th, 2015

PPPL

*Coll of Wm & Mary
Columbia U
CompX
General Atomics
FIU
INL
Johns Hopkins U
LANL
LLNL
Lodestar
MIT
Lehigh U
Nova Photonics
ORNL
PPPL
Princeton U
Purdue U
SNL
Think Tank, Inc.
UC Davis
UC Irvine
UCLA
UCSD
U Colorado
U Illinois
U Maryland
U Rochester
U Tennessee
U Tulsa
U Washington
U Wisconsin
X Science LLC*



*Culham Sci Ctr
York U
Chubu U
Fukui U
Hiroshima U
Hyogo U
Kyoto U
Kyushu U
Kyushu Tokai U
NIFS
Niigata U
U Tokyo
JAEA
Inst for Nucl Res, Kiev
Ioffe Inst
TRINITY
Chonbuk Natl U
NFRI
KAIST
POSTECH
Seoul Natl U
ASIPP
CIEMAT
FOM Inst DIFFER
ENEA, Frascati
CEA, Cadarache
IPP, Jülich
IPP, Garching
ASCR, Czech Rep*

Questions for discussion

- Standard presentation? – can be used (don't have to)
 - Intro to fusion plasma physics
 - Intro to NSTX-U
 - Followed by individual slides
 - Conclude with info on how to get involved, NUF program, etc...
- Involve communication department? Science education department?
- Who will arrange seminars?
- Who will pay for travel?

Who has expressed interest

Possibly Giving Talks

- Devon Battaglia
- Jack Berkery (CU)
- Dan Boyer
- Ahmed Diallo
- Travis Gray (ORNL)
- Walter Guttenfelder
- Stan Kaye
- Egemen Kolemen (PU)
- Jon Menard
- Clayton Myers
- Rory Perkins
- Yang Ren
- Steve Sabbagh (CU)
- Fillipo Scotti (LLNL)
- Dave Smith (UW)
- Kevin Tritz (JHU)
- Jeff Wang (LANL)

Hosting

- Daniel Andruczyk (UI)
- Angie Capese (moving to TCNJ)
- Neal Crocker (UCLA)
- Swadesh Mahajan (UT)
- Oliver Schmitz (UW)

Suggested Universities

- Auburn (plasma)
- Boulder (space physics)
- Columbia
- Cornell (plasma, Berkery/Myers alma mater)
- Drexel (nearby, plasma)
- Johns Hopkins
- Lehigh (Battaglia alma mater)
- Maryland (plasma)
- Rutgers (nearby)
- Stony Brook (physics)
- TCNJ (nearby, Angie Capese will host)
- UCLA (plasma, Neal Crocker would like to host “when people are out in LA for other reasons”)
- University of Illinois (Dan Andruczyk wants to host)
- University of Pennsylvania (nearby) ???
- University of Texas (plasma, Swadesh Mahajan “would participate”)
- Wisconsin (Oliver Schmitz suggested talk at Monday seminar)

Nearby universities (sorted by distance)

- TCNJ (<15 mi)
 - Angie Capese on faculty
 - Past work with science ed
- Rider (<15 mi)
- Rutgers (<15 mi)
 - **PhD-granting research uni.**
 - Someone collaborates with CS Chang
- Drexel (<50 mi)
 - **PhD-granting research uni.**
 - Nonlinear dynamics in physics dept:
<http://www.drexel.edu/physics/research/researchAreas/Nonlinear%20Dynamics/>
 - plasma energy in the Plasma Institute:
<http://drexel.edu/plasma/research/labs/plasma-energy-lab/>
- Lehigh (<50 mi)
 - **PhD-granting research uni.**
 - Battaglia/Boyer alma mater
 - Kritz and Schuster
- NYU (<50 mi)
 - **PhD-granting research uni.**
 - Plasma simulations
- Temple (<50 mi)
 - **PhD-granting research uni.**
 - AMO, condensed matter:
<https://phys.cst.temple.edu/research.html>
 - Energy centers in College of Engineering:
<http://engineering.temple.edu/research/research-labs-centers>
- University of Pennsylvania (<50 mi)
 - **PhD-granting research uni.**
- Swarthmore (<50 mi)
 - Mike Brown
- Villanova (<50 mi)
 - Thermal transport and dynamics in ME:
<http://www1.villanova.edu/villanova/engineering/departments/me.html>
- Lafayette (<50 mi)
 - AMO, laser spectroscopy:
<https://physics.lafayette.edu/people/andrew-kortyna/>
- Rowan University (<50 mi)
 - Physics and engineering programs
- Haverford (<50 mi)
- St. Joseph's (<50 mi)
- Ursinus (<50 mi)
- Delaware State University (<100 mi)
 - **PhD-granting research uni.**
 - Optics:
<http://www.desu.edu/mathematics-natural-sciences-and-technology/departments-physics-and-engineering>
- Stony Brook (<100 mi)
 - **PhD-granting research uni.**
- University of Delaware (<100 mi)
 - **PhD-granting research uni.**
 - Plasma physic:
<http://web.physics.udel.edu/about/directory/faculty/william-matthaeus>
 - More plasma:
<http://web.physics.udel.edu/about/directory/faculty/michael-shay>
- Franklin and Marshall (<100 mi)
 - Materials and THz optics:
<http://www.fandm.edu/physics/research>

Other Universities

- Amherst
- Berkeley (space physics)
- Boston University (space physics)
- Bryn Mawr
- CalTech (plasma)
- Colgate
- Delaware State University
- Franklin and Marshall
- George Mason University (space physics)
- Geneseo (plasma undergrads?)
- Gettysburgh
- Hamilton
- Hobart
- Lafayette
- New Hampshire (plasma (sort of?))
- NYU (plasma)
- Penn State (physics)
- Rensselaer (plasma?, Berkery home town)
- Rider (nearby)
- Rochester Institute of Technology
- St. Joseph's
- Swarthmore (plasma)
- Syracuse University
- Temple (nearby)
- UMass Amherst
- Union College
- University of Delaware
- University of Michigan (plasma?)
- University of Toronto (plasma)
- University of Rochester (plasma (sort of?))
- Ursinus
- Villanova
- Yale
- Foreign?? (question asked by Jeff Wang)