

NSTX FY2006 Run Schedule
 Last Updated: 6/26/2006 at 12:13 PM

| Week | Monday | Tuesday | Wednesday | Thursday | Friday |
|------|--|---|---|--|--|
| 1 | 27-Feb | 28-Feb | 1-Mar | 2-Mar | 3-Mar |
| | Menard Magnetics Calibration Mueller Characterize Bakeout 2: Smith - XMP44 High-k scattering | 2: Smith - XMP44 Menard (Magnetics Calib) 4:Hosea XMP026 HHFW conditioning (0.5) 10g Boronization | 2: Smith - XMP44 (0.2) 1:Kugel XP616 Movable glow probe (0.8) | 2: Smith - XMP44 Menard (Magnetics Calib, 0.5) 1:Kugel XP616 (0.5) | 2: Smith - XMP44 1:Soukhanovskii XP605 Div Heat Load |

Hours

| | | | | | |
|---|--------------------------------|---|------------------------------------|---|---|
| 2 | 6-Mar | 7-Mar | 8-Mar | 9-Mar | 10-Mar |
| | 6:Raman XP606 Transient CHI | 6:Raman XP606 Transient CHI 6:Mueller XP533 (0.2) CHI EdgeCD target develop 3g Boronization | 5:Gates XP603 DND H-mode rtEFIT | 2: Smith - XMP44 1:Boedo XP604 (0.5) deposition studies divertor characteristics Supersonic gas jet | 2: Smith - XMP44 5: Menard XP602 LSN H-mode |

Hours

| | | | | | |
|---|-----------------------------|-----------------------------|-------------------|-------------------|-------------------|
| 3 | 13-Mar | 14-Mar | 15-Mar | 16-Mar | 17-Mar |
| | Levinton MSE calibration | Levinton MSE calibration | Maintenance Break | Maintenance Break | Maintenance Break |

Hours

| | | | | | |
|---|--|---|--|--|--|
| 4 | 20-Mar | 21-Mar | 22-Mar | 23-Mar | 24-Mar |
| | 2: Smith - XMP44 High-k scattering APS Meeting (13-17) | 2: Smith - XMP44 High-k scattering 3:Sontag XMP45 RWM/EF development | 2:Tamura XMP47(13-24) → Tessel Pellet inj. 2: Smith - XMP44 3:Sontag XMP45 3:Menard XP614 → 5g Boronization | 3:Menard XP614 → n=1 EFC to DEFC (0.5) 3:Strait XP618 → Error Field vs Rotation | 3:Strait XP618 → Error Field vs Rotation 2:Tamura XMP47(13-24) → 3:Sontag XMP45 |

Hours

Bold Black - Milestone related
 Red - ITPA related
 Bold Red - Milestone and ITPA

Contact Person:
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 609-243-2855

Dark green - Supporting work
 1 - Boundary, 2 - TT, 3 - MHD
 4- WavePart, 5- ISD, 6-SFPS

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| | Monday 27-Mar | Tuesday 28-Mar | Wednesday 29-Mar | Thursday 30-Mar | Friday 31-Mar |
|---|--|--|---|--------------------|-------------------|
| 5 | 2:Levinton XP610 Reverse Shear Discharges | 2:Levinton XP610 Reverse Shear Discharges | 3: Sabbagh XP615 Active RWM stabilization | Maintenance Break | Maintenance Break |
| | | 3: Sabbagh XP615 Active RWM | | Install Li | Install Li |

Hours

| | 3-Apr | 4-Apr | 5-Apr | 6-Apr | 7-Apr |
|---|---|-------------------|-------------------|-------------------|-------------------|
| 6 | Maintenance Break (4-7, TTF Meeting, SC) | Maintenance Break | Maintenance Break | Maintenance Break | Maintenance Break |

Hours

| | 10-Apr | 11-Apr | 12-Apr | 13-Apr | 14-Apr |
|---|---|---|--------------------------------|--|--|
| 7 | rtEFIT test 1:Soukhanovskii XP605 Div Heat Load | 1:Kugel XP601 Li deposition (10-13 ITPA Meetings) | 1:Kugel XP601 Li deposition | 1:Kugel XP601 Li deposition Assess vessel conditions | 5: Menard XP602 LSN H-mode |
| | 1:Kugel XP601 Li deposition | | | | 1:Hubbard XP621 → Small ELM regime comp |

Hours

| | 17-Apr | 18-Apr | 19-Apr | 20-Apr | 21-Apr |
|---|---|------------------------------------|---|--|--|
| 8 | 1:Kaye XP526 ELM Severity on confinement 4g Boronization | 5:Gates XP603 DND H-mode rtEFIT | 5: Kessel XP627 Non-Sol Curr Ramp-up | Test for XMP46 Test for rtEFIT 4:Hosea XMP026 HHFW conditioning (0.75) 5 shots @ 0.5T Earth Day | 4: Heidbrink XP607 → Fast ion transport by fishbone instability TAE/EPM fast ion losses |
| | | 1:Soukhanovskii XP626 SGI | 3: Sabbagh XP615 Active RWM stabilization | | |

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| | Monday 24-Apr | Tuesday 25-Apr | Wednesday 26-Apr | Thursday 27-Apr | Friday 28-Apr |
|---|-----------------------------|--|---|--|--|
| 9 | Shape development for XP529 | 1:Maingi XP529 → Pedestal dependance on Aspect Ratio [All at 0.5T] | 4:Hosea XP617 → HHFW Power balance [8 at 0.55T] (24-27, ITPAs on CDBM at PPPL) | 4:Diem XP625 → EBW emission & oblique o-mode coupling 5: Kessel XP627 Non-Sol Curr Ramp-up 5g Boronization | Shape development for XP533 3:Menard XP614 n=1 EFC to DEFC |
| | Shape development for XP533 | | | | |

Hours

| | 1-May | 2-May | 3-May | 4-May | 5-May |
|----|-----------------------------------|--|--|--------------------------------|--------------------------------|
| 10 | 6: Raman XP606 → Transient CHI | 6: Mueller XP533 → CHI Edge CD Shape development for for XP526 | 2: Stutman XP612 → Perturbed electron transport | 1:Kugel XP601 Li deposition | 1:Kugel XP601 Li deposition |

Hours

| | 8-May | 9-May | 10-May | 11-May | 12-May |
|----|--|-------------------|-------------------|-------------------|-------------------|
| 11 | Maintenance Break (8-12, HTPDC) | Maintenance Break | Maintenance Break | Maintenance Break | Maintenance Break |

Hours

| | 15-May | 16-May | 17-May | 18-May | 19-May |
|----|--|-----------------------------------|--|---|---|
| 12 | Maintenance Break PPPL Safety Forum | 3:Menard XP614 n=1 EFC to DEFC | 3: Sabbagh XP615 Active RWM stabilization | 1:Kaye XP526 ELM Severity on confinement 3: Sabbagh XP615 Active RWM stabilization | 4:Hosea XP617 → HHFW Power balance 1:Maingi XP529 1:Hubbard XP621 5g Boronization |

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| | Monday 22-May | Tuesday 23-May | Wednesday 24-May | Thursday 25-May | Friday 26-May |
|-------|--|--|---|---|--|
| 13 | 22-May | 23-May | 24-May | 25-May | 26-May |
| | 6: Raman XP606 → Transient CHI (22-26, PSI, CHINA) | 6: Raman XP606 → Transient CHI | 4: Diem XP625 → EBW emission & oblique o-mode coupling 2: Smith - XMP44 High-k scattering | 2: Kaye XP532 BT and beta scaling on confinement | 2: Kaye XP532 BT and beta scaling on confinement 2: Smith - XMP44 High-k scattering |
| Hours | 8 | 8 | 10 | 8 | 8 |
| 14 | 29-May | 30-May | 31-May | 1-Jun | 2-Jun |
| | Memorial Day | 2: Levinton XP610 Reverse Shear Discharges 2: Smith - XMP44 High-k scattering 5g Boronization | 3: Sontag XP619 RWM passive stability boundary | 5: Menard XP602 LSN H-mode 2: Stutman XP612 Perturbed electron transport | 2: Delgado XP613 Imp trap in H modes (Thesis) |
| Hours | 0 | 8 | 10 | 8 | 8 |
| 15 | 5-Jun | 6-Jun | 7-Jun | 8-Jun | 9-Jun |
| | 4: Fredrickson XP608 TAE/EPM impact on fast ion transport 5g Boronization | 5: Gates XP603 DND H-mode rEFIT | 1: Kugel XP601 2: Park XP629 High-k measurements in H-mode discharges small ELM regime comp. | 2: Smith XP620 High-k measurements in Rev Shear discharges (Thesis) 4: Diem XP625 | 1: Kugel XP601 Li deposition |
| Hours | 8 | 8 | 10 | 8 | 8 |
| 16 | 12-Jun | 13-Jun | 14-Jun | 15-Jun | 16-Jun |
| | 1: Williams XP630 Edge Turb Ohmic Plasmas 2: Smith XP620 High-k measurements in Rev Shear discharges | 2: Smith XP620 Maintenance Break | Maintenance Break | Maintenance Break | Maintenance Break |
| Hours | 8 | 2 | 0 | 0 | 0 |

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|-------|---|-------------------|--------------------------------------|--|---|
| 17 | 19-Jun | 20-Jun | 21-Jun | 22-Jun | 23-Jun |
| | Maintenance Break (19-23, EPS, Rome) | Maintenance Break | Coil Tests Fiducial for XP601 | 1:Kugel XP601 Li deposition 3:Menard XP614 Finish Error field control | Darrow-NB blips 5: Kessel XP627 Non-Sol Curr Ramp-up 4:Hosea XP617 → HHFW Power balance MSE calibrations |
| Hours | 0 | 0 | 10 | 8 | 8 |
| 18 | 26-Jun | 27-Jun | 28-Jun | 29-Jun | 30-Jun |
| | | | | | |
| Hours | 0 | 0 | 0 | 8 | 0 |
| 19 | 3-Jul | 4-Jul | 5-Jul | 6-Jul | 7-Jul |
| | | | | | |
| Hours | 0 | 0 | 0 | 0 | 0 |
| 20 | 10-Jul | 11-Jul | 12-Jul | 13-Jul | 14-Jul |
| | | | | | |
| Hours | 0 | 0 | 0 | 0 | 0 |

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