



# Canadian Light Source (CLS) Cycle 29/30 - 10ID-1 Soft X-ray Spectromicroscopy (SM) Beamline

## May - September 2019 Schedule

Version 1.1-final, 20-March-2019



| May, 2019     | Stat |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------|------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|               | 1    | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| 00:00 - 04:00 | M    | M | M | M | M | M | M | M | M | M  | M  | M  | M  | M  | M  | M  | M  | M  | M  | M  | M  | M  | M  | M  | M  | M  | M  | M  | M  | M  | M  |
| 04:00 - 08:00 | M    | M | M | M | M | M | M | M | M | M  | M  | M  | M  | M  | M  | M  | M  | M  | M  | M  | M  | M  | M  | M  | M  | M  | M  | M  | M  | M  | M  |
| 08:00 - 12:00 | M    | M | M | M | M | M | M | M | M | MV | D  | D  | D  | D  | D  | D  | D  | BD | BD | DS | M  | DS | DS | DS | JD | JD | M  | DS | DS | DS |    |
| 12:00 - 16:00 | M    | M | M | M | M | M | M | M | M | MV | D  | D  | D  | D  | D  | D  | D  | BD | BD | DS | M  | DS | DS | DS | JD | JD | M  | DS | DS | DS |    |
| 16:00 - 20:00 | D    | D | D | M | M | M | M | M | M | D  | D  | D  | D  | D  | D  | D  | D  | BD | BD | DS | DS | DS | DS | JD | JD | DS | DS | DS | DS |    |    |
| 20:00 - 24:00 | D    | D | D | M | M | M | M | M | M | D  | D  | D  | D  | D  | D  | D  | D  | BD | BD | DS | DS | DS | DS | JD | JD | DS | DS | DS | DS |    |    |

| Jun, 2019     | Stat |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |      |      |    |    |
|---------------|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|----|----|
|               | 1    | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28   | 29   | 30 |    |
| 00:00 - 04:00 | NS   | BD | NS | NS | MK | MK | MK | PD | PD | PD | NS | NS | BD | PO | PO | PO | NS | NS | NS | NS  | SP  | SP  | SP  | AH2 | AH1 | NS  | NS  | AH1  | \$\$ | DN | DN |
| 04:00 - 08:00 | NS   | BD | NS | NS | MK | MK | MK | PD | PD | PD | NS | NS | BD | PO | PO | PO | NS | NS | NS | NS  | SP  | SP  | SP  | AH2 | AH1 | NS  | NS  | AH1  | \$\$ | DN | DN |
| 08:00 - 12:00 | SU1  | D  | M  | BU | MK | MK | MK | PD | PD | M  | DS | BU | BU | PO | PO | D  | M  | DS | SP | BU  | AH2 | SP  | JD  | M   | DS  | ST1 | AH1 | \$\$ | DN   | DN |    |
| 12:00 - 16:00 | SU1  | D  | M  | BU | MK | MK | MK | PD | PD | M  | DS | BU | BU | PO | PO | D  | M  | DS | SP | BU  | AH2 | SP  | JD  | M   | DS  | ST1 | AH1 | \$\$ | DN   | DN |    |
| 16:00 - 20:00 | SU1  | D  | M  | MK | MK | MK | PD | PD | PD | D  | DS | BD | PO | PO | D  | D  | DS | SP | SP | AH2 | AH2 | AH1 | D   | DS  | ST1 | ST1 | DN  | DN   | DN   |    |    |
| 20:00 - 24:00 | SU1  | D  | D  | MK | MK | MK | PD | PD | PD | D  | DS | BD | PO | PO | PO | D  | D  | DS | SP | SP  | AH2 | AH2 | AH1 | D   | DS  | ST1 | ST1 | DN   | DN   | DN |    |

| Jul, 2019     | Stat |    |    |    |    |    |    |    |    |     |     |     |     |    |     |        |        |     |        |     |     |     |     |     |    |    |     |    |    |     |    |
|---------------|------|----|----|----|----|----|----|----|----|-----|-----|-----|-----|----|-----|--------|--------|-----|--------|-----|-----|-----|-----|-----|----|----|-----|----|----|-----|----|
|               | 1    | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10  | 11  | 12  | 13  | 14 | 15  | 16     | 17     | 18  | 19     | 20  | 21  | 22  | 23  | 24  | 25 | 26 | 27  | 28 | 29 | 30  | 31 |
| 00:00 - 04:00 | DN   | NS | NS | NS | BD | BD | KB | KB | NS | NS  | NS  | BD  | BD  | BD | AH1 | NS     | NS     | NS  | DS-CSR | JW2 | SA1 | SA1 | SA1 | SA1 | NS | NS | JW2 | JE | JE | NS  | NS |
| 04:00 - 08:00 | DN   | NS | NS | NS | BD | BD | KB | KB | NS | NS  | NS  | BD  | BD  | BD | AH1 | NS     | NS     | NS  | DS-CSR | JW2 | SA1 | SA1 | SA1 | SA1 | NS | NS | JW2 | JE | JE | NS  | NS |
| 08:00 - 12:00 | NS   | M  | DS | BD | BD | BD | KB | M  | DS | BD  | AH1 | AH1 | AH1 | D  | M   | DS     | DS-CSR | BD  | BD     | SU1 | SU1 | M   | DS  | JD  | JE | JE | D   | M  | DS | BU  |    |
| 12:00 - 16:00 | NS   | M  | DS | BD | BD | BD | KB | M  | DS | BD  | AH1 | AH1 | AH1 | D  | M   | DS     | DS-CSR | BD  | BD     | SU1 | SU1 | M   | DS  | JD  | JE | JE | D   | M  | DS | BU  |    |
| 16:00 - 20:00 | NS   | D  | DS | BD | BD | KB | KB | D  | DS | AH1 | AH1 | AH1 | AH1 | D  | D   | DS-CSR | JW2    | SA1 | SA1    | SA1 | SA1 | D   | DS  | JW2 | JE | JE | D   | D  | DS | JW2 |    |
| 20:00 - 24:00 | NS   | D  | DS | BD | BD | KB | KB | D  | DS | AH1 | AH1 | AH1 | AH1 | D  | D   | DS-CSR | JW2    | SA1 | SA1    | SA1 | SA1 | D   | DS  | JW2 | JE | JE | D   | D  | DS | JW2 |    |

| Aug, 2019     | Stat |    |    |    |    |    |    |    |    |    |     |     |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |      |
|---------------|------|----|----|----|----|----|----|----|----|----|-----|-----|----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|----|------|
|               | 1    | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11  | 12  | 13 | 14  | 15  | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28  | 29  | 30 | 31   |
| 00:00 - 04:00 | JW2  | JD | BD | BD | BD | NS | NS | AL | AL | AL | AL  | JW1 | NS | NS  | JG  | JG | JG | CJ | NS | NS | NS | CJ | CJ | JC | JC | JC | NS | NS  | SU2 | WK | WK   |
| 04:00 - 08:00 | JW2  | JD | BD | BD | BD | NS | NS | AL | AL | AL | AL  | JW1 | NS | NS  | JG  | JG | JG | CJ | NS | NS | NS | CJ | CJ | JC | JC | JC | NS | NS  | SU2 | WK | WK   |
| 08:00 - 12:00 | JD   | BD | BD | BD | NS | M  | AL | AL | AL | AL | JW1 | M   | DS | JW1 | JW1 | JG | JG | D  | M  | DS | CJ | CJ | JC | JC | JC | M  | DS | BU  | WK  | WK | \$\$ |
| 12:00 - 16:00 | JD   | BD | BD | BD | NS | M  | AL | AL | AL | AL | JW1 | M   | DS | JW1 | JW1 | JG | JG | D  | M  | DS | CJ | CJ | JC | JC | JC | M  | DS | BU  | WK  | WK | \$\$ |
| 16:00 - 20:00 | JD   | BD | BD | BD | NS | D  | AL | AL | AL | AL | JW1 | D   | DS | JG  | JG  | JG | CJ | D  | D  | DS | CJ | CJ | JC | JC | JC | D  | DS | SU2 | WK  | WK | \$\$ |
| 20:00 - 24:00 | JD   | BD | BD | BD | NS | D  | AL | AL | AL | AL | JW1 | D   | DS | JG  | JG  | JG | CJ | D  | D  | DS | CJ | CJ | JC | JC | JC | D  | DS | SU2 | WK  | WK | \$\$ |

| Sep, 2019     | Stat |      |    |      |    |    |    |    |    |    |      |      |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|---------------|------|------|----|------|----|----|----|----|----|----|------|------|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
|               | 1    | 2    | 3  | 4    | 5  | 6  | 7  | 8  | 9  | 10 | 11   | 12   | 13  | 14  | 15  | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |  |
| 00:00 - 04:00 | \$\$ | \$\$ | NS | NS   | TS | TS | TS | XS | XS | NS | NS   | \$\$ | ST1 | ST2 | ST2 | NS | NS | NS | NS | SM | SM | SM | SM | SM | NS | NS | SM | SM | SM | SM |  |
| 04:00 - 08:00 | \$\$ | \$\$ | NS | NS   | TS | TS | TS | XS | XS | NS | NS   | \$\$ | ST1 | ST2 | ST2 | NS | NS | NS | NS | SM | SM | SM | SM | SM | NS | NS | SM | SM | SM | SM |  |
| 08:00 - 12:00 | \$\$ | NS   | M  | \$\$ | TS | TS | XS | XS | M  | DS | BU   | ST1  | ST2 | ST2 | D   | M  | DS | SM | SM | SM | SM | SM | M  | DS | SM | SM | SM | SM | SM | SM |  |
| 12:00 - 16:00 | \$\$ | NS   | M  | \$\$ | TS | TS | XS | XS | M  | DS | BU   | ST1  | ST2 | ST2 | D   | M  | DS | SM | SM | SM | SM | SM | M  | DS | SM | SM | SM | SM | SM | SM |  |
| 16:00 - 20:00 | \$\$ | NS   | D  | TS   | TS | TS | XS | XS | D  | DS | \$\$ | ST1  | ST2 | ST2 | D   | D  | DS | SM | SM | SM | SM | SM | D  | DS | SM | SM | SM | SM | SM | SM |  |
| 20:00 - 24:00 | \$\$ | NS   | D  | TS   | TS | TS | XS | XS | D  | DS | \$\$ | ST1  | ST2 | ST2 | D   | D  | DS | SM | SM | SM | SM | SM | D  | DS | SM | SM | SM | SM | SM | SM |  |

| Beam Team Members     | ID  | SHIFTS      |             | Permit   |
|-----------------------|-----|-------------|-------------|----------|
|                       |     | 8h          | 4h          |          |
| Adam Hitchcock        | AH1 | 12.0        | 24.0        | 26B08969 |
|                       | AH2 | 4.0         | 8.0         | 26B09355 |
| Chris Jacobsen        | CJ  | 8.0         | 16.0        | ?        |
| Joseph Gardella       | JG  | 8.0         | 16.0        | ?        |
| Konstantin Kaznacheev | KK  | 0.0         | 0.0         | ?        |
| Martin Obst           | MT  | 0.0         | 0.0         | 26B09325 |
| Sarbjit Banerjee      | SA1 | 8.0         | 16.0        | ?        |
| Stephen Urquhart      | SU1 | 4.0         | 8.0         | ?        |
|                       | SU2 | 2.0         | 4.0         | 26B09365 |
| <b>Total</b>          |     | <b>46.0</b> | <b>92.0</b> |          |

| General Users    | ID  | SHIFTS      |              | Permit   |
|------------------|-----|-------------|--------------|----------|
|                  |     | 8h          | 4h           |          |
| Stefan Minasian  | ST1 | 6.0         | 12.0         | 26G08650 |
| Jon Chorover     | JC  | 9.0         | 18.0         | 27G09269 |
| Marco Keilueit   | MK  | 9.0         | 18.0         | 25G08308 |
| Alexander Laskin | AL  | 12.0        | 24.0         | 28G09653 |
| T.K. Sham        | TS  | 8.0         | 16.0         | 26G08693 |
| Xueliang Sun     | XS  | 6.0         | 12.0         | 28G09627 |
| Peggy O'Day      | PO  | 9.0         | 16.0         | 26G08551 |
| Kristin Boye     | KB  | 5.0         | 10.0         | 27G09199 |
| Jesse Ward       | JE  | 9.0         | 18.0         | 26G08710 |
| Peter Dowben     | PD  | 8.0         | 16.0         | 28G09610 |
| Delphine Neff    | DN  | 8.0         | 16.0         | 27G09048 |
| <b>Total</b>     |     | <b>88.0</b> | <b>176.0</b> |          |

|  | 8h Shifts |
|--|-----------|
| <b>X</b> Shut Down Mode: Beam Off  | 0         |
| <b>M</b> Maintenance Mode  | 45        |
| <b>MV</b> Verification Shift   | 1         |
| <b>D</b> Development Mode (Machine Studies) (HSE & Sr. Operator)                             | 47        |
| <b>DS</b> Development Mode (Special Beamline Development (current TBA)) (HSE & Sr. Operator) | 45        |
| <b>DS-CSR</b> Development Mode (CSR Studies) (HSE & Sr. Operator)                            | 3         |
| <b>SM</b> Normal Mode (Beam On (current 250 mA))   | 30        |
| <b>NS</b> Normal Mode (Special Beamline Requests/Commissioning (current TBA))                | 64        |

| Contacts             | Phone Number        |
|----------------------|---------------------|
| SM Beamline (STXM)   | (306) 657-3609/3898 |
| SM Beamline (PEEM)   | (306) 657-3703      |
| Jian Wang            | (306) 657-3546      |
| Yingshen Lu          | (306) 657-3743      |
| Jay (James) Dynes    | (306) 657-3840      |
| Jigang Zhou          | (306) 657-3587      |
| User Office          | (306) 657-3700      |
| Floor Coordinator    | (306) 657-3639      |
| Control Room         | (306) 657-3570      |
| Shipping & Receiving | (306) 657-3521      |

| CLS                           | ID          | SHIFTS      |              | Permit   |
|-------------------------------|-------------|-------------|--------------|----------|
|                               |             | 8h          | 4h           |          |
| Beamline Development          | BD          | 33.0        | 66.0         | 26M09303 |
| Beamline Upgrade - Cryo-STXM  | BU          | 7.0         | 14.0         | 26M09305 |
| Cryo-STXM LOT                 | ST2         | 6.0         | 12.0         | 28G09709 |
| Users                         | Wondong Kim | 6.0         | 12.0         | 28G09711 |
|                               | JW1         | 5.0         | 10.0         | 26M09306 |
| Jian Wang                     | JW2         | 6.0         | 12.0         | 27G09239 |
| James Dynes                   | JD          | 9.0         | 18.0         | ?        |
| CLS\$\$                       | \$\$        | 11.0        | 22.0         | ?        |
| CLS-Scientific Strategic Plan | SP          | 7.0         | 14.0         | 28G09536 |
| <b>Total</b>                  |             | <b>90.0</b> | <b>180.0</b> |          |

Manuals, Schedules, and Beamline Related Information:

<http://sm.lightsource.ca/>

Update SM Beamline Related Pulication:

<http://uso.lightsource.ca/publications/>