

## LSU Shared Instrument Facility (SIF) Fiscal Year 2024-2025 Charging Rate Structure

| Unassisted Rate (for instrument usage only, professional assistance charged separately) <sup>(8)</sup>  |   | Academic Internal<br>(Base Rate type B) |                               | Academic External<br>(Academic External Rate Type A) | Non-Academic <sup>(5)</sup><br>(Corporate Rate Type C) |
|---|---|---|-------------------------------|--|--|
|   |   | Prime Time<br><sup>(1)</sup>            | Non-prime Time <sup>(1)</sup> | All Time   | All Time   |
| JEOL JEM1400 120kV TEM  | Regular TEM   | \$40/hr                                 | \$30/hr                       | \$40/hr  | \$125/hr   |
|   | Cryo TEM  | \$50/hr                                 | \$50/hr                       | \$50/hr  | \$145/hr   |
| JEOL JXA8230 EP <sup>(4)</sup>  |   | \$40/hr                                 | \$30/hr                       | \$40/hr  | \$125/hr   |
| FEI Quanta 3D FEG Ga FIB/SEM <sup>(4)</sup> (Ion source charged as consumable)  |   | \$45/hr                                 | \$33.5/hr                     | \$45/hr  | \$125/hr   |
| Helio G5 Xe PFIB/SEM <sup>(4)</sup> (Ion source charged as consumable)  |   | \$65/hr                                 | \$48.5/hr                     | \$65/hr  | \$145/hr   |
| ScientaOmicron ESCA 2SR XPS <sup>(4)</sup>  |   | \$40/hr                                 | \$30/hr                       | \$40/hr  | \$125/hr   |
| Panalytical XRD <sup>(4) (7)</sup>  | Hourly run (for all stages)   | \$40/hr                                 | \$30/hr                       | \$40/hr  | \$100/hr   |
|   | Sample run (only for RTS or Flat stage)                                       | \$25/ea                                 | \$18.5/ea                     | \$25/ea  | \$80/ea  |
| Panalytical XRF <sup>(4) (7)</sup>  | Hourly run  | \$35/hr                                 | \$26.5/hr                     | \$35/hr  | \$100/hr   |
|   | Sample run  | \$15/ea                                 | \$11.5/ea                     | \$15/ea  | \$80/ea  |
| Renishaw Raman Microscope <sup>(4)</sup> , Leica SP8 Confocal Microscope <sup>(4)</sup> , Olympus SpinSR10 Spinning Disk Confocal <sup>(4)</sup> , Zeiss Light Sheet 7 <sup>(4)</sup> |   | \$35/hr                                 | \$26.5/hr                     | \$35/hr  | \$120/hr   |
| Leica DM6B Microscope, Leica Thunder Stereomicroscope   |   | \$25/hr                                 | \$18.5/hr                     | \$25/hr  | \$80/hr  |
| Fischione NanoMill1040  | Hourly run  | \$35/hr                                 | \$26.5/hr                     | \$35/hr  | \$100/hr   |
| Titan Workstation I <sup>(4)</sup>  |   | \$8/hr                                  | \$6/hr                        | \$8/hr   | \$20/hr  |
| Anton Paar Litesizer500, Anton Paar PSA1090LD   |   | \$30/hr                                 | \$22.5/hr                     | \$30/hr  | \$50/hr  |
| ThermoFisher Spectra300 STEM (rate applied once installed)  |   | \$100/hr                                | \$75/hr                       | \$100/hr   | \$240/hr   |
| ThermoFisher HeliScan X-ray MicroCT <sup>(4)</sup> (rate applied once installed)  |   | \$65/hr                                 | \$48.5/hr                     | \$65/hr  | \$145/hr   |
| Bruker EPR System<br>ELEXSYS E780   | X-Band ambient condition  | \$30/hr                                 | \$22.5/hr                     | \$30/hr  | \$100/hr   |
|   | X-Band cryo/elevated temperature  | \$50/hr                                 | \$37.5/hr                     | \$50/hr  | \$150/hr   |
|   | X-Band Pulse/Endoor/Triple or Rapid Scan                                      | \$120/hr                                | \$80/hr                       | \$120/hr   | \$250/hr   |
|   | J-band  | \$200/hr                                | N/A                           | \$200/hr   | \$400/hr   |
|   |   | Academic Internal<br>(Base Rate type B) |                               | Academic External<br>(Academic External Rate Type A) | Non-Academic<br>(Corporate Rate Type C)                |
| Professional Assistance <sup>(3)</sup>  | Instrument training   |   | \$25/hr                       | \$40/hr  | \$40/hr  |
|   | Sample Preparation, Microtome thin Sectioning                                 |   | \$25/hr                       | \$40/hr  | \$40/hr  |
|   | Instrument Setup, Operation for Data Acquisition or Class Demo <sup>(9)</sup> | Hourly rate                             | \$25/hr                       | \$40/hr  | \$40/hr  |
|   |   | Sample rate for XRD or XRF              | \$15/ea                       | \$25/ea  | \$25/ea  |
|   |   | Sample rate for EPR J-band              | \$50/ea                       | \$50/ea  | \$100/ea   |
|   | Data Processing and/or Data Reporting   |   | \$25/hr                       | \$40/hr  | \$40/hr  |
| IMMUNO Labeling   |   | \$100/ea                                | \$100/ea                      | \$150/ea   |  |
| Consumables (Consumables not included in the list will be charged at the actual cost)   | Sectioned LM Slide  |   | \$8/ea                        | \$8/ea   | \$20/ea  |
|   | EM/LM Chemical  |   | \$10/ea                       | \$10/ea  | \$20/ea  |
|   | 2min Metal Sputtering Coating   |   | \$8/ea                        | \$8/ea   | \$15/ea  |
|   | 1nm Carbon Coating  |   | \$2/ea                        | \$2/ea   | \$15/ea  |
|   | Copper TEM Grid   |   | \$3.5/ea                      | \$3.5/ea   | \$10/ea  |
|   | CryoEM Prep   |   | \$20/ea                       | \$20/ea  | \$40/ea  |
|   | Ga or Xe Ion source   |   | \$15/ea                       | \$15/ea  | \$35/ea  |

1. Facility prime time is 8am to 6pm on weekdays. All other time and holidays are non-prime time. Only qualified users have access to SIF during non-prime time. Please contact SIF director for eligibility requirements and application for non-prime time access to SIF instruments.
2. Instrument reservations are made through the online scheduling system ([lsu.fbs.io](http://lsu.fbs.io)) and will be billed according to actual usage time at the rates listed above for all usage equal to or more than reserved time. For all "no show" reservations or reservations with partial usage, 80% of the reserved time or actual utilized time, whichever is higher, will be billed; Cancellation of any reservation must occur at least 4 hours prior to the scheduled time to avoid being charged. The minimum charge for instrumentation usage is 0.5hr, charges based on rates listed above.
3. There is a minimum charge of 0.5hr for any professional assistance that is required or requested. For all collaboration-based services, there is no professional assistance charge for all internal users and \$15/hr professional assistance charge for all external users. Collaboration needs to be recognized through co-authorship in publications.
4. Continuous usage (10hrs and above) rates for selected instruments (for internal users only) are: \$400/day for EP, XPS and XRD; \$350/day for Raman, SP8, SpinSR10 and Light Sheet 7; \$80/day for Titan Workstation I; \$450/day for Ga FIB/SEM, \$650/day for Xe PFIB/SEM and MicroCT. Prime time and non-prime time rates will apply for continuous usage of less than 10 hours per reservation per user. Facility Assistance or consumables will be charged separately.
5. All non-academic requests must be made through the SIF Director and at minimum a "Scope of Work" is required prior to starting any project.
6. Educational usage for accredited courses will be subsidized by SIF with 75% split payment for the instrument usage. Facility Assistance for class/lab is charged separately. Samples used for educational courses are required to be "non-research" related and must be provided to the SIF at least two days prior to the instrument reservation. Course usage must be scheduled within 3 weeks from the beginning of each semester.
7. For all analysis in which single sample analysis is within 0.5hr, charge rate per sample will be applied, otherwise, hourly rate will be applied.
8. Assisted rate for external users will be the listed unassisted rate plus the corresponding professional assistance rate. The assisted rate for internal users will be unassisted prime time rate plus the corresponding professional assistance rate whether the usage is in prime time or non-prime time.
9. Professional assistance charge rate per sample only applies to the specified service types.