

IfM Core Instrument User Facility User Fee Schedule

Effective January 1, 2020

Instrument	Internal & CUF*	Other Academic	External
Hitachi SEM	\$45/hr	\$70/hr	\$90/hr
Kratos XPS	\$40/hr up to 3 hrs; \$120 for up to 4 hrs; \$200 flat fee for 4 to 8 hrs	\$60/hr up to 3 hrs; \$180 for up to 4 hrs; \$300 flat fee for 4 to 8 hrs	\$80/hr up to 3 hrs; \$240 for up to 4 hrs; \$400 flat fee for 4 to 8 hrs
Bruker XRD	\$25/sample unassisted; \$40/sample assisted	\$60/sample assisted	\$80/sample assisted
Keyence Laser Confocal	\$35/hr	\$50/hr	\$70/hr
Nova BET Analyzer	\$60/sample	\$90/sample	\$120/sample
Sputtering (Cleanroom)	\$65/hr	\$100/hr	\$130/hr
E-beam Evaporation (common)	\$65/hr	\$100/hr	\$130/hr
Plasma Therm RIE	\$40/hr	\$60/hr	\$80/hr
Technics RIE	\$40/hr	\$60/hr	\$80/hr
Alcatel A601E ICP	\$65/hr	\$100/hr	\$130/hr
Xactic XeF ₂ Etcher	\$65/hr	\$100/hr	\$130/hr
Pattern Generator	\$20/hr	\$30/hr	\$40/hr
Denton Thermal Evaporator	\$20/hr (includes routine consumables)	\$30/hr (includes routine consumables)	\$40/hr (includes routine consumables)
Professional Assitance Charges: 1) instrument training 2) sample preparation 3) instrument setup, operation, data acquisition	\$40/hr ⁽³⁾	\$60/hr ⁽³⁾	\$80/hr ⁽³⁾
Consumable Charges: (not inclusive of all consumable charges)	\$5 per metal or carbon sputter (SEM) \$1/nm precious metal evaporation \$30 per mask blank \$3.50 per liter of liquid nitrogen ⁽⁷⁾ \$20/month for unmetered house N ₂ in faculty labs	\$8/sputter coating \$1.50/nm precious metals \$45 per mask blank \$5.00 per liter Other consumables at cost	\$10/sputter coating \$2/nm precious metals \$60 per mask blank \$5.00 per liter Other consumables at cost
Access Fees:			
General lab access	\$10/month/user	n/a	N/A (lease space)
Metrology	\$30/month/user ⁽⁸⁾	\$45/month/user ⁽⁸⁾	\$60/month/user
Cleanroom	\$25/hr/user ⁽⁹⁾	\$40/hr/user ⁽⁹⁾	\$50/hr/user
STL	\$25/month/user ⁽¹⁰⁾	\$40/month/user ⁽¹⁰⁾	\$50/month/user

Notes:

- (1) Facility is open during official LaTech work days (schedule may vary during quarter and summer breaks).
- (2) Facility daily hours are normally 8am-5pm; evening hours (6pm-7am) and weekend time must be scheduled and approved.
- (3) There is a minimum 0.5 hour charge for professional assistance.
- (4) All timed charges are in increments of 0.25 hours. Usage time will start when sample is loaded for analysis.
- (5) All industrial requests must be made through the IfM Director and include a Scope of Work prior to starting usage.
- (6) Access fees for cleanroom/STL include any instruments located within that are not explicitly listed separately.
- (7) Liquid nitrogen delivery to BEC or other on-campus buildings other than IfM will be charged a \$25 delivery fee.
- (8) This charge is for metrology access, but includes the use of instruments not separately listed in this fee schedule.
- (9) For internal, CUF, and other academic accounts, there is a monthly billing cap of 10 total hours (e.g. \$250 for internal) per research group for cleanroom access.
- (10) For internal, CUF, and other academic accounts, there is a monthly billing cap of 3 users (e.g., \$75 for internal) for STL access per research group.

* IfM is a member of the statewide Core User Facilities (CUF) established with funding from the National Science Foundation. More details can be found at

<https://www.lsu.edu/eng/cimm/CUF/index.php>