


Requesting service work from
(MC)² staff in FOM

Open <https://fom.engin.umich.edu/fom/> in a browser window and log in with your FOM credentials. If you don't yet have a FOM account, follow the steps found on our webpage: <http://mc2.engin.umich.edu/lab-use/become-a-user/>. Note that external users will need to submit a service agreement and register a payment method in order to schedule service work.

UMich - FOM - Welcome



Time on server
Monday Aug. 22
10:41:41

Welcome to **UMich Facility Online Manager (FOM©)**

[Click here to login with UMich ID](#)

Or

[Click here if you do not have a single sign on ID](#)

All users acknowledge to have read and agree to follow the rules set in the (MC)²User Agreement. Consult the [Center Webpage](#) for news, update, instrument status.

FOM© is an online accounting and equipment management software.

FOM© is FREE for small research group use (online scheduler only, with a minimal installation fee).

FOM© supports unlimited number of equipments, unlimited number of facilities, and unlimited number of users.


FOM© can be used as a simple scheduler or as a complicated management system. It can be used in a single laboratory, or used to host all the facilities on campus.

If you are interested in using FOM©, please contact FOM Networks at info@FOMNetworks.com.

Visit <http://www.FOMNetworks.com/> to see the features of FOM©

After logging in to FOM, click “Collaboration and Service” in the left hand navigation tree.

UMich - FOM - User Home



Time on server
Monday Aug. 22
10:21:23

- » Admin Home
- » Auditor Home
- » User Home
- » Equipment sched ▾
- » Billing
- » Reports
- » Facility Config
- » Safety Certificates
- » Holidays
- » User Survey
- » Departments
- » Supervisors
- » Resources Admin
- » Maint. Records
- » Users Admin
- » Email List
- » Collaborate & Service
- » Usage Records
- » Purchase Supplies
- » Documents
- » User Report
- » My Profile
- » My Accounts
- » Contact Manager
- » Logout
- » User Forum

User Shortcuts:

- **RESERVED:** You reserved [FEI Quanta 3D SEM/FIB](#) from 2016-08-30 13:00:00.0 to 2016-08-30 17:00:00.0. [Click here to go to equipment calendar](#)

Authorized Equipments (Click to view schedule)

- ▣ **Michigan Center for Materials Characterization**
 - Cameca LEAP 4000X HR Atom Probe (Michigan Center for Materials Characterization): Equipment Manager, **Available**
 - FEI Helios 650 Nanolab SEM/FIB (Michigan Center for Materials Characterization): Equipment Manager, **Busy**
 - FEI Nova 200 Nanolab SEM/FIB (Michigan Center for Materials Characterization): Equipment Manager, **Busy**
 - FEI Quanta 3D SEM/FIB (Michigan Center for Materials Characterization): Equipment Manager, **Available**
 - Hysitron 950 Triboindenter (Michigan Center for Materials Characterization): Equipment Manager, **Busy**

ECR Transducer with standard Berkovich probe is on Slot2; High Load Transducer on Slot 1. If you want to use DMA or any other transducer, please send request at least 48 hours before your booking.

- JEOL 2010F AEM (Michigan Center for Materials Characterization): Equipment Manager, **Available**
- JEOL 2100F AEM (Michigan Center for Materials Characterization): Equipment Manager, **Busy**
- JEOL 3011 HREM (Michigan Center for Materials Characterization): Equipment Manager, **Available**

Objective aperture 3 and 4 are difficult to be positioned due to loose knobs.

- JEOL 3100R05 Double Cs Corrected (Michigan Center for Materials Characterization): Equipment Manager, **Down**
- Kratos Axis Ultra XPS (Michigan Center for Materials Characterization): Equipment Manager, **Available**
- Philips XL30FEG SEM (Michigan Center for Materials Characterization): Equipment Manager, **Available**
- Tescan MIRA3 FEG SEM (Michigan Center for Materials Characterization): Equipment Manager, **Available**
- Veeco Dimension Icon AFM (Michigan Center for Materials Characterization): Equipment Manager, **Available**
- (MC)2 Introduction (Michigan Center for Materials Characterization): Equipment Manager, **Available**
- Basic FIB seminar (Michigan Center for Materials Characterization): Equipment Manager, **Available**
- Basic SEM seminar (Michigan Center for Materials Characterization): Equipment Manager, **Available**
- Basic TEM seminar (Michigan Center for Materials Characterization): Equipment Manager, **Available**
- Basic XPS Seminar (Michigan Center for Materials Characterization): Equipment Manager, **Available**

Available Equipments (Click to request training or usage approval)


Select or type to search

- ▣ **Michigan Center for Materials Characterization**
- ▣ Resources in this facility

- For service request, click [here](#)
- [Basic AFM Seminar](#)

Leave the “Select service category” option as “On Campus,” then make the appropriate selection for your type of characterization request, i.e. industry, UM, external university. If you are an academic user not affiliated with the University of Michigan but your university is within the state of Michigan, you should choose “Characterization Service for UM.”

UMich - FOM - Collaborate



Time on server
Monday Aug. 22
10 : 55 : 30

- » Admin Home
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- » Supervisors
- » Resources Admin
- » Maint. Records
- » Users Admin
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- » Collaborate & Service
- » Usage Records
- » Purchase Supplies
- » Documents
- » User Report
- » My Profile
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- » Contact Manager
- » Logout
- » User Forum

Request New Service
 Select service category: On Campus ▾
 To submit service for a user, select here Select user or type to search... ▾, and then click the link below.

Michigan Center for Materials Characterization
[Characterization Service for Industry](#)
[Characterization Service for non-Mich. Academic](#)
[Characterization Service for UM](#)

[All Projects](#) [Active Projects](#) [Finished Projects](#)

Category	Assigned To	Project Type	Project ID	Requested By	Request Date ▾	Last Update
- Select One - ▾	- Select One - ▾	Characterization Service for Industry	Service_Industry000002	Weijie Feng	05/31/2016	(06/10 17:10, Kai) OK
- Select One - ▾	- Select One - ▾	Characterization Service for Industry	Service_Industry000001	Bobby Kerns	05/18/2016	(05/18 11:18, Bobby) Initial request

A fillable HTML form will open in your browser window. Fill out all relevant fields, especially the sample information, with as much information as you can, then click “submit request” at the bottom.

**UNIVERSITY OF MICHIGAN
MICHIGAN CENTER FOR MATERIALS CHARACTERIZATION
SERVICE REQUEST FORM**

To submit samples to the Center, please do the following in this order:
FILL OUT the online Service Request Form; click **SUBMIT**; click on **Collaborate & Service**; **OPEN** Service Request Form just created; **UPLOAD** additional information (if necessary); **PRINT** the Form.
UM User: Bring the sample(s) and a printed copy of the Service Request Form to the Center between 9am-5pm, Monday-Friday. Bring your UM ID for access to the Center.
Non-UM User/Gov't Agency/Industry: Mail or bring sample(s) and a printed copy of the Service Request Form to the address listed below.

All publications resulting from work at (MC)² or including results obtained at (MC)² should acknowledge *the University of Michigan College of Engineering for financial support and the Michigan Center for Materials Characterization for use of the instruments and staff assistance*. Authorship or acknowledgements should also be considered and discussed with the appropriate staff member.

Date Submitted: 08/22/2016

CONTACT INFORMATION

Student Name: Bobby Kerns Email: kernsr@umich.edu Phone: (734)647-6845
Advisor Name: Emmanuelle Marquis Email: emarq@umich.edu Phone: 7347648717
Dept: CoE - (MC)2 Univ/Company: _____

BILLING INFORMATION

UM Faculty - Chartfield Information: Admin_Use, 0000
Non-UM Faculty/Gov't Agency/Industry: PO#: _____
Pay w/ Credit Card: (Please DO NOT include your credit card # on this form)

PLEASE NOTE: (MC)² CANNOT ACCEPT RADIOACTIVE or HAZARDOUS MATERIALS

Sample Information - (Upload a picture of your sample and desired location of analysis.)

Sample Name: _____
Sample Composition: _____
Particular precautions: _____
Is sample hazardous/toxic/radioactive (Check One): yes no
Additional Comments on Sample / Description of Desired Sample Preparation:

Sample Photo with Info

Upload image/file here (JPG, GIF, or PNG).
 No file chosen

Analyses and Services (Check all that applies):

Sample Cutting/Polishing FIB Sample preparation PIPS SEM imaging SEM analytical FIB x-section
 Orientation mapping TEM imaging Diffraction Analytical TEM Aberration Corrected TEM APT
 XPS AFM triboindentation Staff Time (Sample Prep, Data Collection) Staff Time (Data Processing and Analysis)

Additional Analysis Comments:

Michigan Center for Materials Characterization
2800 Plymouth Road, NCRC Bldg 22, Ann Arbor, MI 48109
Phone: +1 (734) 763-1041 Email: bclampit@umich.edu <http://mc2.engin.umich.edu>

SAMPLE ID #: _____
(Office User Only)

After you submit the request, FOM will automatically notify Bobby Kerns and Deanna Wendel, who will then interface with (MC)² staff to schedule your work. You can check the same Collaborate and Service field in FOM to see the status of your request.