Principal Investigator:  
Bjorn Mysen, rm. R204  
ph. no. 8975

Secondary Contacts:  
George Cody (R216 X8980)

Emergency Information:  
Staff Member: 240-506-8427 (cell)  
BBR (Gary Bors): 202-510-8577  
All other emergencies: 911

Purpose:  
Prepare samples for experiments in rooms 203 and 209 and to examine optically samples retrieved from the same experiments.

General Laboratory Features:  
(i) Do not offer to train any other user unless explicitly approved by responsible staff member. Otherwise, all training is done by responsible staff member.  
(ii) All equipment brought into the lab or purchased for the lab must be approved by responsible staff member.  
(iii) Use insulating gloves whenever handling hot equipment and/or samples.  
(iv) Use dark glasses when staring directly at samples at high temperature.  
(v) The use of the torch for flame sealing of glass ampules requires special training. Do not use until trained.  
(vi) Appropriate regulators are required for compressed gases.  
(vii) All compressed tanks must be stored in the storage area. Unused tanks must have end-caps securely fastened. Do not store H₂ in close proximity to O₂. Do not use carbon monoxide.  
(viii) All in-use tanks must be securely attached to fixed bodies, e.g. bench top.  
(ix) Empty tanks are to labeled “EMPTY” and returned to the loading dock storage area for pickup.  
(xi) The use of instruments after hours is not restricted.  
(x) The repair of instruments is not to be attempted without responsible staff member’s explicit approval.  
(xi) Familiarize yourself with where the various chemicals are stored based on type, reactivity, and flammability.  
(xii) Only dilute mineral acids may be discarded into marble chip baths. No chemicals may ever be poured into any sink or drain.  
(xiii) Chemicals that need to be disposed of shall be stored in appropriate cabinets until laboratory-wide storage removal is initiated (~ annually). When purchasing chemicals, try to by as little as possible to minimize.  
(xiv) All samples must be labeled in such a way as to be immediately identifiable. The use notebook numbers or other schemes is not sufficient. Unlabeled vials constitutes a serious offense and can lead to loss of laboratory privileges.  
(xv) Keep Laboratory Doors Locked during off hours unless you are actively using the facility.  
(xvi) Fire extinguisher is located near entrance door.  
(xvii) Emergency shut-off is located next to the entrance door.  
(xviii) Emergency shower is located in middle of room.
Laboratory User

I agree that I have thoroughly read and understood this laboratory safety document. I have access to this safety information at all times when I am working. I have been trained to be able to identify the hazards to which I may be exposed and to follow the work practices and procedures discussed in this document. I certify that I will conduct my research work safely and that I will be responsible for following stated safety policies.

User Name (Print)  User Signature  Date

Principal Investigator

I certify that the information presented in this safety document is accurate and complete. I agree to comply with all safety procedures and to fully train and supervise all researchers under my direction.

PI Signature  Date