Labmember Meeting April 14, 2011

Minutes

Attending:
6 staff (Bill, Danny, Sia, Jimmy, Marilyn, Kim)
9 members (8 academic, 1 BMLA)

Safety and Etiquette

Issue: Several labmembers report that behavior in the msink16/18 area is unacceptable. Labmembers do not wear PPE, processes are abandoned, members do not describe / announce their process to each other.

Response: Computer group to evaluate multiple members enabling tool simultaneously to better track usage. Reminder will be sent to wear name tags. Msink16/18 lab manual updated to insist that labmembers have a responsibility to describe their processes to each other when multiple members are at the sink. Biweekly purge of msink16/18 already announced and will be implemented. Members encouraged to report safety violations to staff. All violation reporters will be kept confidential. The anonymous suggestion box can also be used to report violations.

A lost and found station will be established in the lab. This will facilitate relocation of items as well as enable purge of msink16/18.

Equipment

Issue: Resolution of leo poor.

Response: Issue is primarily vibration related. Replacement vibration isolation ‘pucks’ have been located and are being modified for installation at the leo.

Funds have been secured for purchase of a second inspection SEM. Tool reviews are being conducted now. Labmember recommendations of preferred equipment that has
been used at other labs is welcome. This is long term, i.e. PO placed June, delivery 16 weeks after receipt of order.

**Suggestion:** provide lab members with visual verification of cooling water flow. This will be evaluated by staff. Reboot of computer resolves seemingly conflicting messages related to cooling water flow. Update of leo manual to be taken on by volunteer lab member – thank you!

**Issue:** wafer saw reliability

**Response:** The wafersaw reliability has been very much improved. Problem reports have been limited. Funds for/partial donation of a new dicing saw is in progress. This is long term, i.e., PO placed June, delivery 14-16 weeks after receipt of order.

**Equipment Updates:**
A new resistivity mapping system has been donated to the NanoLab. The tool name is “cde-resmap” and it is located in Bay380. This elegant laboratory scale tool will replace the more production style “rs100”. Group trainings will be announced in the near future.

sts1 has been reassembled and restarted; tool is going through initial process testing week of April 18. Expected release is week of April 25.

The last tool from the Microlab “centura” will be removed from service Monday May 2 and moved to the NanoLab. Restart will be negthy; at least 8 weeks down time is anticipated. There are back up tools for all processes provided by centura.

**Policy / Computers**

**Issue:** equipment left enabled prevents labmember from extending qualification

**Response:** auto-expiration policy will remain in effect. If members note equipment left enabled they are to report it to staff or disable then re-enable.

**Issue received via email:** ptherm and picosun reservations are being abused.

**Response:** restricted reservations similar to leo and crestec will be imposed.

Meeting adjourned 1:15pm
Next Meeting: Thursday, May 12