



Equipment Contact List
Kavli Nanoscience Institute at Caltech

Area	Type	Make	Model	Location	Who is in charge	Backup Person	Dependencies / Comments
Lithography	Airclean Hood 1	Airclean	AC6000S	Room 017	Chris	Melissa	Includes hotplates
	Airclean Hood 2	Airclean	AC6000S		Chris	Melissa	Includes Laurell and Headway spin processors
	Stepper	GCA	6300		Melissa	Chris	
	Mask Aligner "Suss 1"	Suss	MA/BA6		Melissa	Chris	
	Mask Aligner "Suss 2"	Suss	MA6		Melissa	Chris	
	Laser Writer	Heidelberg	DWL-66		Saurabh	Chris	Yahoo kni_dwl_66
	Wafer Bonder	Suss	SB6L		Nils	Guy	Yahoo kni_sb6l
	Photoresist dehydr. oven	Yamato	DKN400		Chris	Melissa	programmable
Chem & Metrology	Solvent Wet Bench	SCP	6 foot WB	Room 011	Guy	Melissa	
	Acid Wet Bench	SCP	5 foot WB		Guy	Melissa	
	HF Wet Bench	SCP	6 foot WB		Guy	Melissa	
	Critical Point Dryer	Tsumasis			Nils	Melissa	
	Scriber Breaker	Dynatex	GST-150		Bophan	Melissa	
	Scanning Electron Microscope	FEI Company	Sirion	Rm 09	Bophan	Guy	Yahoo feitools-sirion
	Microscopy Lab	Transmission Electron Microscope	FEI Company	Tecnai TF20ST, 200KV Analytical	03C	Carol	Bophan
Transmission Electron Microscope		FEI Company	Tecnai TF30UT, 300KV High Res	Keck	Carol	Bophan	
DualBeam FIB/SEM		FEI Company	Nova 200 Nanolab	Rm 03	Bophan	Guy	Yahoo Nova200
Surface AES / CL		Omicron	Nanoprobe	03D	Carrie H	Carol	not ready yet
Pulsed Laser Deposition		Coherent		03B	Nils		
Cryo STM				03A	Andrew B		not ready yet
Etch / Dep Bay	Tube furnace	Tystar	Tytan	Rm 035	Melissa	Bophan	Wet, dry Ox and Anneal. Dry ox and anneal
	PECVD	Oxford	System 100		Guy	Melissa	
	Dielectric ICP 380	Oxford	Sys 100 / 380		Guy	Melissa	
	Bosch DRIE ICP 380	Oxford	Sys 100 / 380		Guy	Melissa	
	III-V Metal ICP 380	Oxford	Sys 100 / 380		Guy	Melissa	
	Oxygen Plasma System				Nils	Melissa	Descum O2 / C4F8
	Sputtering System - TES	Temescal	BJD 1800		Nils	Guy	
	E-Beam Deposition -TES	Temescal	FC-1800		Bophan	Guy	
Foundry / LSI-Nano Lab	E-Beam Lithography	Leica	EBPG 5000+	025D	Guy	Bophan	Yahoo Isinano
	DualBeam FIB/SEM with Autoprobe	FEI Company	Nova 600 Nanolab	033B	Bophan	Guy	Yahoo Nova
	Environmental SEM	FEI Co	Quanta 200F	Rm 033	Bophan	Guy	Has probe station and cold/hot stage Yahoo feitools-quanta
	Self-contained hood	Airclean	AC 6000S		Chris	Saurabh	
	PDMS Spinner and process				Chris	Saurabh	
	PDMS mixer				Chris	Saurabh	
	Surface Profilometer	Ambios	XP-2		Chris	Saurabh	
	Wire Bonder	Westbond			Melissa	Guy	