

VINSE Cleanroom Tool Assignments

Deposition Bay

Tool	Superuser	Superuser Email	Staff	Staff Email
RTP			Mike Valenti	michael.j.valenti@Vanderbilt.Edu
AJA	Elena Kovalik	elena.r.kovalik@vanderbilt.edu	Mike Valenti	michael.j.valenti@Vanderbilt.Edu
Angstrom Resistive / Multimode / Glovebox	Fabian Ugwu	chibuzor.f.ugwu@vanderbilt.edu	Christina McGahan	christina.mcgahan@Vanderbilt.edu
	Chuchuan Hong	chuchuan.hong@vanderbilt.edu		
	Hanyu Zheng	hanyu.zheng@vanderbilt.edu		
1" thermal furnace			Christina McGahan	christina.mcgahan@Vanderbilt.edu
4" thermal furnace			Mike Valenti	michael.j.valenti@Vanderbilt.Edu
Probe station			Mike Valenti	michael.j.valenti@Vanderbilt.Edu
Ossila 4 point probe			TBD	vinse@vanderbilt.edu
Lesker Thermal Evap. / Ion Mill	OUT OF SERVICE			

Deposition Bay Chase

Tool	Superuser	Superuser Email	Staff	Staff Email
Solar cell test table			TBD	vinse@vanderbilt.edu
Contact Angle Goniometer			TBD	vinse@vanderbilt.edu
Laminator			TBD	vinse@vanderbilt.edu
Screen printer			TBD	vinse@vanderbilt.edu

Etch Bay

Tool	Superuser	Superuser Email	Staff	Staff Email
Trion PECVD	Elena Kovalik	elena.r.kovalik@vanderbilt.edu	Mike Valenti	michael.j.valenti@Vanderbilt.Edu
Trion Phantom	Alberto Linares	alberto.esteban.linares@vanderbilt.edu	Mike Valenti	michael.j.valenti@Vanderbilt.Edu
Trion Minilock			Mike Valenti	michael.j.valenti@Vanderbilt.Edu
Oxford DRIE	Hanyu Zheng	hanyu.zheng@vanderbilt.edu	Mike Valenti	michael.j.valenti@Vanderbilt.Edu
YES HMDS oven			Mike Valenti	michael.j.valenti@Vanderbilt.Edu
ALD			Mike Valenti	michael.j.valenti@Vanderbilt.Edu
RCA Hood			Mike Valenti	michael.j.valenti@Vanderbilt.Edu
Seki Microwave CVD	OUT OF SERVICE			

Lithography Bay 2 (EBL)

Tool	Superuser	Superuser Email	Staff	Staff Email
Raith EBL	Fabian Ugwu	chibuzor.f.ugwu@vanderbilt.edu	James McBride	james.r.mcbride@Vanderbilt.edu
	Chuchuan Hong	chuchuan.hong@vanderbilt.edu		
Spin and Development Hood			Christina McGahan	christina.mcgahan@Vanderbilt.edu
Microfluidics Hood			Christina McGahan	christina.mcgahan@Vanderbilt.edu
Harrick Plasma			James McBride	james.r.mcbride@Vanderbilt.edu
Microfluidic control systems			TBD	vinse@vanderbilt.edu
Ovens			TBD	vinse@vanderbilt.edu

PVA Tepla Microwave etcher	OUT OF SERVICE
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Lithography Bay 1 (UV)

Tool	Superuser	Superuser Email	Staff	Staff Email
Bungard Filmstar Photoplotter	Alberto Linares	alberto.esteban.linares@vanderbilt.edu	Christina McGahan	christina.mcgahan@Vanderbilt.edu
Heidelberg Laser Writer	Alberto Linares	alberto.esteban.linares@vanderbilt.edu	Christina McGahan	christina.mcgahan@Vanderbilt.edu
Suss MA6	Alberto Linares	alberto.esteban.linares@vanderbilt.edu	Christina McGahan	christina.mcgahan@Vanderbilt.edu
	Elena Kovalik	elena.r.kovalik@vanderbilt.edu		
KLA Profilometer			Mike Valenti	michael.j.valenti@Vanderbilt.Edu

Litho 1 Chase

Tool	Superuser	Superuser Email	Staff	Staff Email
Wire Bonder			Mike Valenti	michael.j.valenti@Vanderbilt.Edu
Yamato Drying Oven			Mike Valenti	michael.j.valenti@Vanderbilt.Edu

Rear Chase

Tool	Superuser	Superuser Email	Staff	Staff Email
Electroplating			Mike Valenti	michael.j.valenti@Vanderbilt.Edu
Disco Dicing Saw	Elena Kovalik	elena.r.kovalik@vanderbilt.edu	Mike Valenti	michael.j.valenti@Vanderbilt.Edu
Psi etcher			Dmitry Koktysh	dmitry.koktysh@Vanderbilt.edu

Specimen Prep

Tool	Superuser	Superuser Email	Staff	Staff Email
3D printers	Alberto Linares	alberto.esteban.linares@vanderbilt.edu	James McBride	james.r.mcbride@Vanderbilt.edu