

Materials List for:

# Writing and Low-Temperature Characterization of Oxide Nanostructures

Akash Levy<sup>1</sup>, Feng Bi<sup>1</sup>, Mengchen Huang<sup>1</sup>, Shicheng Lu<sup>1</sup>, Michelle Tomczyk<sup>1</sup>, Guanglei Cheng<sup>1</sup>, Patrick Irvin<sup>1</sup>, Jeremy Levy<sup>1</sup>

<sup>1</sup>Department of Physics, University of Pittsburgh

Correspondence to: Akash Levy at [akl31@pitt.edu](mailto:akl31@pitt.edu)

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## Materials

Name	Company	Catalog Number	Comments
Equipment			
Contact Aligner	Karl-Suss	MA6	
Spinner	Solitec	5110C	
Ion Mill	Commonwealth Scientific	8C	
Sputtering System	Leybold-Heraeus	Z-650	
Barrel Etcher	Branson/IPC	3000C	
Wire Bonder	Westbond	7700E	
AFM	Asylum Research	MFP-3D	
Dilution Refrigerator	Quantum Design	P850	
Ultrasonic Wash Machine	Fisher Scientific	15-335-6	
Current Amplifier	Femto	DLPCA-200	
Materials			
LaAlO <sub>3</sub> /SrTiO <sub>3</sub>	Prof. Chang-Beom Eom		5 mm x 1 mm with ~3.4 unit cells of LAO (See Reference 18)
Photoresist	AZ Electronic Materials	P4210	
Developer	AZ Electronic Materials	400K	
Acetone	Fisher Scientific	A929SK-4	
Isopropyl Alcohol	Fisher Scientific	A459-1	
Deionized Water	Fisher Scientific	23-290-065	
Gold Wire	DuPont	5771	1 mm diameter
Chip Carrier	NTK Technologies	IRK28F1-5451D	