

**Paper presentation dates and titles
for the 2016 class of
“Characterization, Fabrication, and Manipulation at Nanometer Scale”
April 1, 2016**

	I.D.	Name	Presentation Date	Title of the paper
1	D04222016	郭晚平 Wan Ping Kwo	May 19	Nano-mechanical mass sensing and stiffness spectrometry based on two-dimensional vibrations of resonant nano-wires
2	D04222019	裴迪 Dinesh Kumar Patel	May 19	Charge Order Driven by Fermi-Arc Instability in $\text{Bi}_2\text{Sr}_{2-x}\text{La}_x\text{CuO}_{6+d}$
3	d04222021	楊濟源 Chi-Yuan Yang	June 16	Plasmonic Nanolaser Using Epitaxially Grown Silver Film
4	D04222022	安如珮 Anupriya Singh	June 16	Chemical mapping of a single molecule by plasmon-enhanced Raman scattering
5	D04222024	錢德拉 Chandrashekar Gantepogu	June 2	Visualizing short-range charge transfer at the interfaces between ferromagnetic and superconducting oxides
6	D04223123	沙提亞 Satyanarayana Swamy Vyshnava	May 26	Recent advances in submolecular resolution with scanning probe microscopy
7	103011863	詩如白 Sreerupa Sarkar	May 19	Three-dimensional imaging of dislocations in a nanoparticle at atomic resolution
8	103011869	司維多 Svetozar Stevo Najman	May 26	Chemical Mapping and Quantification at the Atomic Scale by Scanning Transmission Electron Microscopy
9	104011456	安列許 Amlesh Kumar	June 2	Recent advances in graphene quantum dots for sensing
10	104011457	巴強達 Balchandar Navaneethan	May 26	High-Speed AFM and Applications to Biomolecular Systems
11	104011458	陳穎劼 Yingjie Chen	May 19	Probing Charges on the Atomic Scale by Means of Atomic Force Microscopy
12	104011462	安妮夏 Anisha Mohapatra	May 19	Nanowire liquid pumps
13	104011861	羅山馬太 Roshan Jesus Mathew	May 26	Synthesis of lateral heterostructures of semiconducting atomic layers

14	104011864	范卡達 Venkata Ram Naidu Repalle	June 2	Thin single-wall BN-Nanotubes formed inside carbon nanotubes
15	104011865	柏哈那 Pradhana Jati Budhi Laksana	June 16	Radial modulation doping in core-shell nanowires
16	102282601	阮文浩 Van-Khoe NGUYEN	June 16	Controlling many-body states by the electric-field effect in a two-dimensional material
17	104282606	雷諾 Zeru Syum Hidar	June 2	Direct observation of the transition from indirect to direct bandgap in atomically thin epitaxial MoSe ₂