

## Kirstin Schauble

Ph.D. Student in Electrical Engineering, admitted Autumn 2017

### Publications

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#### PUBLICATIONS

- **High-performance flexible nanoscale transistors based on transition metal dichalcogenides** *NATURE ELECTRONICS*  
Daus, A., Vaziri, S., Chen, V., Koroglu, C., Grady, R. W., Bailey, C. S., Lee, H., Schauble, K., Brenner, K., Pop, E.  
2021
- **Uncovering the Effects of Metal Contacts on Monolayer MoS<sub>2</sub>**. *ACS nano*  
Schauble, K. n., Zakhidov, D. n., Yalon, E. n., Deshmukh, S. n., Grady, R. W., Cooley, K. A., McClellan, C. J., Vaziri, S. n., Passarello, D. n., Mohny, S. E., Toney, M. F., Sood, A. K., Salleo, et al  
2020
- **Temperature-Dependent Contact Resistance to Nonvolatile Memory Materials** *IEEE TRANSACTIONS ON ELECTRON DEVICES*  
Deshmukh, S., Yalon, E., Lian, F., Schauble, K. E., Xiong, F., Karpov, I. V., Pop, E.  
2019; 66 (9): 3816–21
- **3D Heterogeneous Integration with 2D Materials**  
McClellan, C., Bailey, C., Datye, I., Gabourie, A., Grady, R., Schauble, K., Vaziri, S., Pop, E., IEEE  
IEEE.2019: 89–90