

## Carlo Gilardi

- Ph.D. Student in Electrical Engineering, admitted Autumn 2018
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### Publications

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#### PUBLICATIONS

- **Extended Scale Length Theory for Low-Dimensional Field-Effect Transistors** *IEEE TRANSACTIONS ON ELECTRON DEVICES*  
Gilardi, C., Bennett, R. A., Yoon, Y., Pop, E., Wong, H., Mitra, S.  
2022
- **Bandgap Extraction at 10 K to Enable Leakage Control in Carbon Nanotube MOSFETs** *IEEE ELECTRON DEVICE LETTERS*  
Lin, Q., Pitner, G., Gilardi, C., Su, S., Zhang, Z., Chen, E., Bandaru, P., Kummel, A., Wang, H., Passlack, M., Mitra, S., Wong, H.  
2022; 43 (3): 490-493
- **Extended Scale Length Theory Targeting Low-Dimensional FETs for Carbon Nanotube FET Digital Logic Design-Technology Co-optimization**  
Gilardi, C., Chehab, B., Sisto, G., Schuddinck, P., Ahmed, Z., Zografos, O., Lin, Q., Hellings, G., Ryckaert, J., Wong, H. P., Mitra, S., IEEE  
IEEE.2021