

# Stanford

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## Fabia Farlin Athena

Postdoctoral Scholar, Electrical Engineering

### Bio

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#### PROFESSIONAL EDUCATION

- Bachelor of Science, Bangladesh University of Engineering and Technology , Materials and Metallurgical Engineering (2017)
- Master of Science, Georgia Institute of Technology , Electrical and Computer Engineering (2022)
- Doctor of Philosophy, Georgia Institute of Technology , Electrical and Computer Engineering (2024)

#### STANFORD ADVISORS

- H.S.Philip Wong, Postdoctoral Faculty Sponsor

#### LINKS

- Website: <https://ffathena.github.io>

### Publications

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#### PUBLICATIONS

- **Multi-V<sub>T</sub> in Oxide-Semiconductor Transistors Leveraging Sub-1-nm Dipoles for Low-Refresh Energy Gain Cell Memory** *IEEE TRANSACTIONS ON ELECTRON DEVICES*  
Athena, F., Kang, J., Passlack, M., Safron, N., Dede, D., Jana, K., Saini, B., Wang, X., Liu, S., Hartanto, J., Boneh, E., Chen, H., Huang, et al  
2025