

Updates on the campus response to coronavirus (COVID-19)

**Future Students**

**Current Students**

**Faculty & Staff**

**Industry Partners**

**Alumni**





## Jennifer Olson Hasler

Professor

*Technical Interest Groups: Bioengineering,  
Electronic Design and Applications*

✉ [email](#)

☎ T: 404/894-2984

📠 F: 404.894.4641

📍 TSRB 405

🌐 <http://hasler.ece.gatech.edu>

### Overview

**Distinctions &  
Awards**

**Publications &  
Patents**

Last revised May 22, 2020

Resources

---

Dr.  
Jennifer  
Hasler  
received  
her  
B.S.E.  
and  
M.S.  
degrees  
in  
electrical  
engineering  
from  
Arizona  
State  
University  
in  
August  
1991.  
She  
received  
her  
Ph.D.

in  
computation  
and  
neural  
systems  
from  
California  
Institute  
of  
Technology  
in  
February  
1997,  
and  
she  
received  
her Master of  
Divinity  
degree  
from  
the Candler  
School  
of  
Theology  
at Emory  
University  
in 2020.

Dr.  
Hasler  
is  
a  
professor  
at  
the  
Georgia  
Institute  
of  
Technology  
in  
the  
School  
of  
Electrical  
and  
Computer  
Engineering;  
Atlanta  
is

the  
coldest  
climate  
in  
which  
Dr.  
Hasler  
has  
lived.

Dr.  
Hasler  
founded  
the  
Integrated  
Computational  
Electronics  
(ICE)  
laboratory  
at  
Georgia  
Tech,  
a  
laboratory  
affiliated  
with  
the  
Laboratories  
for  
Neural  
Engineering.

Dr.  
Hasler  
is  
a  
member  
of  
Tau  
Beta  
Pi,  
Eta  
Kappa  
Nu,  
and  
the  
IEEE.

**Research  
interests:**

- Analog-Digital Signal Processing / Mixed Signal integrated circuits (Systems on a chip)
- Scaling of deep submicron devices
- Floating-gate devices, circuits, and systems
- The use of floating-gate MOS transistors to build "smart" interfaces for MEMS sensors
- Low power electronics
- Analog VLSI models of on-chip learning

and  
Sensory  
processing  
in  
Neurobiology