



Peter Griffin

Sr Research Engineer, Electrical Engineering

Bio

BIO

Peter Griffin is an expert in microfabrication, having co-authored one of the most widely used textbooks in the area. A new version titled “Integrated Circuit Fabrication – Science and Technology” co-authored with Prof. Jim Plummer will be published in early 2024 by Cambridge University press (<https://plummergriffinbook.stanford.edu/>). He is an electrical engineer by training with a BE and ME from University College Cork, Ireland and a PhD from Stanford University. He remained at Stanford as a research scientist. For the past two decades, he has performed interdisciplinary work at the Stanford Genome Technology Center (SGTC) with a particular emphasis on digital microfluidics. He is particularly interested in how technology can contribute to bioengineering and was the lead author on major DARPA, NIH and SRC grants in various application areas. Griffin has enjoyed long term collaborations with leading researchers on those interdisciplinary grants which has made his time at Stanford very productive. Griffin’s current interest is on impedance measurements for diagnostics in the laboratory of Prof. Lars Steinmetz at SGTC.

ACADEMIC APPOINTMENTS

- Sr Research Engineer, Electrical Engineering

LINKS

- 2023 Plummer Griffin Book on Integrated Circuit Fabrication: <https://plummergriffinbook.stanford.edu/>