

Stanford



James F Gibbons

Professor (Research) of Electrical Engineering, Emeritus

Bio

BIO

A pioneer in the use of ion implantation and rapid thermal process techniques for solid-state physics, Gibbons also conducts research into semiconductor device analysis, fabrication, and process physics. Current research is focused on the growth and processing of thin semiconductor films and nanostructures that offer potential for advanced semiconductor and optical device development.

ACADEMIC APPOINTMENTS

- Emeritus Faculty, Acad Council, Electrical Engineering

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, National Academy of Sciences (2013 - present)
- Member, National Academy of Engineering (2013 - present)
- Member, American Academy of Arts and Sciences (2013 - present)

PROFESSIONAL EDUCATION

- PhD, Stanford University (1956)

LINKS

- <http://cis.stanford.edu/~gibbons>: <http://cis.stanford.edu/~gibbons>