**Dr. Michel Francois Short Bio**

* **Michel Francois received a BS degree in System, microelectronic, electronics, hybrid microelectronic, a MS degree in Electro physics, and a Ph.D. degree in Electro physics and Biomedical Science from Drexel University, PA.**
* **His background includes over 25 years’ experience in research, development and fabrication of integrated circuits, smart power semiconductor, High Power Devices, and microelectromechanical systems (MEMS), flip-chip and multi-chip packaging (module), molecular-nano, optical and piezoelectric biosensors, bioterrorism, and Photonics Integrated Circuits.**
* **He designed and fabricated the first Liquid Metal Ion Source (LMIS) for molecular cluster deposition and the first Lab-On-a-Chip for the detection or identification of target multi-measurands such as antigens, DNA, proteins, bioagents or other bio-chemical objects or bio-chemical reactions in the Philadelphia area, at Drexel University. He has developed and fabricated micro-fluidic systems on the same biochip substrates to deliver bio-samples on the sensors.**
* **Dr. Francois joined the Applied Research Laboratory at Penn State University in 2012-2016 to focus on design and fabrication of MEMS accelerometers, MEMS gyroscopes, 2D Materials, GFET, Transparent Electrode and opto-mechanical MEMS accelerometers and Bioterrorism nano-sensors. He has clearance that is due for renewal in 2022.**
* **Dr. Francois joined SiCamore Semi LLC, a leading high-power electronics manufacture using SiC, GaN, and GaAs semiconductor manufacturing as Director of Device Technology. He leads a team of research engineers to develop custom foundry services.**