

Gianluigi De Geronimo is an accomplished engineer and scientist specializing in low-noise microelectronics for sensors, with a focus on radiation and particle detectors.

Education

- Ph.D., Electronics and Communications Engineering, Milan Polytechnic, Italy, 1997
- M.S., Electronics and Communications Engineering, Milan Polytechnic, Italy, 1993

Professional Career

- 2018 - present: Independent ASIC Designer and Consultant, DG Circuits
- 2016 - present: Adjunct Professor and Research Scientist, University of Michigan, Ann Arbor, MI
- 2009 - present: Adjunct Professor, Stony Brook University, NY
- 1997 - 2016: Scientist, Brookhaven National Laboratory
 - 2012 - 2016: Head of Microelectronics, Instrumentation Division
 - 2014 - 2016: Tenure Scientist
 - 2000 - 2014: Scientist
 - 1997 - 1999: Assistant Scientist

Awards

- 2018: IEEE LI Section Charles Hirsch Award
- 2015: R&D 100 Award Finalist (eValuator 3500 IC for medical/security imaging)
- 2014: R&D 100 Award (GammaScout imager IC for security)
- 2012: Battelle Inventor of the Year
- 2012: CSIRO (Commonwealth Scientific and Industrial Research Organization, Australia) Medal of Research
- 2011: R&D 100 Award (Maia x-ray microprobe ICs)
- 2009: R&D 100 Award (ProxiScan prostate cancer imaging IC)
- 2007: BNL Science and Technology Award