

Aaron Katzenmeyer

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EDUCATION: **B. S. Electrical Engineering** (cum laude) – 2005

Minor – Mathematics
Ohio University, Athens, OH
G.P.A. 3.68 / 4

Erasmus Mundus Master of Nanoscience and Nanotechnology

Year 1
2005 - 2006

M.Sc. Nanoscience – 2007
Technische Universiteit Delft / Universiteit Leiden
Delft and Leiden, the Netherlands

Year 2
2006-2007

Master of Nanosciences and Nanotechnology (cum laude) – 2007
Katholieke Universiteit Leuven / IMEC
Leuven, Belgium

Thesis topic:

Growth and electrical characterization of CuTCNQ
for usage as resistive memory material in the Cu Backend
of CMOS.

Invited Keynote Lecture:

"CuTCNQ based nonvolatile organic memories"

P. Heremans, R. Müller, J. Billen, A. Katzenmeyer,
L. Goux, D.J. Wouters, and J. Genoe.

Materials Today Asia, 3-5 September 2007

<http://www.materialstodayasia.elsevier.com/oralprog.htm>

Ph.D. Electrical Engineering (Solid State Electronics) – Current
Minor - Physics
University of California, Davis, CA

RESEARCH:
SURF Program
Summer 2005

National Institute of Standards and Technology (NIST)

Project:

Contact Potential Difference Measurements of Organic
Interfaces.

Article:

*"Dipoles and injection barriers at the gold—
oligo(phenylene-ethynylene) interface"*

G. K. Ramachandran, A. Katzenmeyer, B. Anderson,
J. J. Kopanski, and C. A. Richter. Submitted to Journal of
the American Chemical Society Communications May
2007 (in review).

- HONORS:** Graduate Assistance in Areas of National Need (GAANN)
Fellowship for doctoral study
Full scholarship for master study (tuition and living expenses)
Vice President Tau Beta Pi Engineering Honor Society
Golden Key Honor Society
Alpha Lambda Delta Honor Society
The National Dean's List
Plenary presenter for Electronics and Electrical Engineering
Laboratory (conclusion of NIST/SURF program)
- EMPLOYMENT:** PPM Instruments – Cleveland, OH
2004 Assemblage and testing of prototype circuitry
Construction of electronic instruments
- ACTIVITIES:** Advisory committee for Erasmus Mundus Master of Nanoscience
and Nanotechnology program (Leuven)
De Leidsche Flesch – Physics Society (Leiden)
VvTP – Association for Applied Physics (Delft)