

## Noam Sicron - Curriculum Vitae

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### Education

Ph.D. in Physics, Hebrew University, Jerusalem, 1999.

Thesis title "Study of the local structure of perovskites using XAFS analysis – order-disorder phenomena in ferroelectric and antiferroelectric phase transitions"

Ph.D. Advisor: Prof. Yizhak Yacoby

M.Sc. in Physics, *cum laude*, Hebrew University, Jerusalem, 1993.

Thesis title "Study of the local structure of PbTiO<sub>3</sub> using XAFS analysis."

M.Sc. Advisor: Prof. Yizhak Yacoby

B.Sc. in Physics and Mathematics, Hebrew University, Jerusalem, 1990

### Research topics

Nitride semiconductors applications

Epitaxial growth of semiconductor layers

Semiconductor based photonic detectors

Fabrication of semiconductor devices

### Employment

2018 – Head of the solid state devices group in the solid state physics department, Soreq nuclear research center.

2017 - Head of Molecular beam epitaxy (MBE) team at the Israel center for advanced photonics, Soreq nuclear research center.

2006-2018 Researcher at the solid state physics department, Soreq nuclear research center.

2003-2006 Senior physicist in the R&D group TopSpin Medical, Lod.

2000-2003 Physicist in the material R&D team, Trellis-photonics, Jerusalem.

1998-2000 Post Doc. at the Physics department, University of Washington, Seattle.

### Awards

Award for excellence as a teaching assistant, 1996

Annual "Shimon Offer" graduate student award from the Racah institute of Physics, Hebrew University, 1997

### Teaching experience

1992-1997 Teaching assistant in courses for physics students: "Classical mechanics and special relativity", "Thermodynamics and material properties", "Introduction to modern and quantum physics"