Ron Haran

Elecronic R&D unit, Bimam
Nuclear Research Centre Negev
POB 9001, Beer-Sheva, 84190 Israel

Tel.: 08-6569253
Fax: 08-6568358
Email: ronh@nrcn.org.il

Education

2018-2022	M.Sc, Electronic and computer engneering Department, Ben-Gurion University (degree average 94). Thesis subject: Spectral Enhancement of a SiPM Array-Based Radiation Detector.
2009-2013	B. Sc., Electronic and computer engneering Department, Ben-Gurion University.

Employment

2015-present	R&D engineer at the electronic R&D unit, NRCN. Expertise in low noise electronics and analog circuits. End to end leading of R&D projects.
2014-2015	Backend engineer at Intel Hifa, condacting RTL to Layout synthesis for intel CNL-KBL cores. Incharge on the time constraint and power consumption of the logical unit.
2012	HW QA engineer in a student position at Aeroscout Rehovot. A company specializing in RFID thecnology. Executing and analyzing different hardwer tests.

Awards and Honors

2019	NRCN CEO award in the innovation category.

Academic Activities

- **Review of scientific publications:**

[1] **R. Haran**, A. Osovizky , Y. Kadmon, N. Kopeika, S. Rottman and M. Ghelman, **"Spectra Resolution Enhancement of a SiPM Array Based Radiation Detector"**, ANIMMA 2021, Pruge June 2021.

[2] **R. Haran**, A. Osovizky , Y. Kadmon, M. Ghelman, **"Analog Pulse Shape Discrimination based on Combination of time domain with Pulse Height"**, ANIMMA 2021, Pruge June 2021

[3] A. Osovizky, Y. Yehuda-Zada, **R. Haran**, I. Cohen-Zada, M. Ghelman, R. Sayef, T. Edvevskyi, Y. Knafo, A. Manor, D. Smadja, D. Ginzburg, and Y. Kadmon, **"A Modular Detection Unit Building Block Configuration for Contamination Detector"**, IEEE NSS Manchester, Nov. 2019.

[4] A. Osovizky, Y. Yehuda-Zada, D. Ginzburg, Y. Ifergan, R. Sayef, M. Ghelman, T. Edvevskyi, Y. Knafo, **R. Haran**, and Y. Kadmon, **"Optimization of a Multi-Layered Scintillator for Neutron Detection and Spectroscopy Applications"**, IEEE NSS Manchester, Nov. 2019.

[5] **R. Haran**, U. Wengrowicz, A. Osovizky, A. Manor, T. Mazor, D. Shmidov, D. Ginzburg, Y. Kadmon, M. Ghelman, **"High speed continuous self-calibrated density measuring system based on a gamma source"**, The 29th Conference of the Nuclear Societies in Israel, 2018.

[6] M. Ghelman. **R. Haran**, A. Osovizky, D. Ginzburg, Y. Kadmon.**"Spectra resolution enhancement by multi-gain adjustment of a SiPM array"**, The 29th Conference of the Nuclear Societies in Israel, 2018.