

Publications List – Ron Haran

Peer reviewed journals

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

Conference proceedings

3. **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.
4. **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.

Oral presentations

5. **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.
6. **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.
7. **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.
8. 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.

Posters

9. I. Morad, M. Gelman, A. Ellenbogen, E. Vax, **R. Haran**, "**Analog Pulse Shape Discrimination Circuit Based on Charge Integration**", The 30th Conference of the Nuclear Societies in Israel, 2022.
10. O. Eisenberg, N. Cohen Maguri, **R. Haran**, I. Morad, A. Manor and A. Osovizky, "**Implementing PSD, MCA Using Red Pitaya**", The 30th Conference of the Nuclear Societies in Israel, 2022.