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This presentation was on Thursday October 17, 2013 by the Electronics Technicians Association (ETA) International. The first speaker was Professor Ummy talking about Terahertz. In this presentation I learned that Terahertz radiation sits between the frequency bands of microwave and infrared radiation. This technology can be easily penetrating many materials, including our tissues. For example, Instead of using a x-ray machine for a mammography, be can use the Terahertz technology because it’s energy is low enough to produce no risk in our body.

The second speaker was professor Mynbaev. He talked about Plasmonic in Optical Communications. In this presentation, I understood that light into 2D sub-wavelength dimension enables breaking the diffraction limit enhancement.

In conclusion, The first presentation was very important for all human because radiation caused no risk like x-rays do.