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Where are all the EM Graduate Students Gone, and What does the Crystal Ball Say about the Future?

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In this presentation, we will identify some basic issues pertaining to Postgraduate Education in the focus area of Electomagnetics.

Although Electromagnetics is a well established field, new challenges are constantly appearing on the horizon in regards to antenna and propagation problems. The industry needs, for instance, engineers to design new multiband antennas for cell phones or to efficient estimate the propagation characteristics of Wireless LAN in a practical scenario. And yet, our bright students are apparently losing interest in graduate school, especially in engineering, and the problem is even more acute in the area of EM.

We will air some of these issues and explore what remedies there may be to mitigate this problem.