

Carter M. Armstrong abstract

An unvarnished recap of a 40-plus year career in RF vacuum electronics – the majority of which was spent in industry. The good, the bad and the . . . Oh, never mind, you get the idea. The changes I saw and the current state of affairs/trends. I'll present my recommendations for the field's continued vitality including comments on the roles I see for its primary stakeholders: the users, government sponsors/national labs, the university community, suppliers and, of course, industry – both the legacy companies and new entrants. I'll cover some technology advances I experienced or observed – both breakthroughs and those remaining to be realized. I'll conclude with my take on some possible fruitful future markets and R&D investment areas.