

Prof Ali Javan was undoubtedly one of the most influential Iranian scientists in the world. Despite the common belief among the experts in 60s, Ali Javan succeeded in introducing gaseous laser (Helium-Neon laser) to the world which played the role of building block of all relevant technologies from laser communications to applications in medical treatments. In this talk, we first briefly review his personal and scientific biography and then introduce his most significant research interests which have influenced the direction of science and technology.