

Abstract:

The accelerated advance in technology opens a huge area of opportunity for the development of new active implantable medical applications. Similarly to the early days of the invention of the pacemaker, small and reliable technology can be a key enabler to turn ideas in the medical space into a reality that is available for patients at a reasonable cost. We will present a perspective of the trends that we are observing in the medical industry, and share some of the recent developments that we are pursuing in anticipation for customer needs in the upcoming years.

Bio

Federico de Mula is an Electronic Engineer from Universidad de la República. During the last 23 years, as part of CCC del Uruguay and Integer, Federico has participated in the design of a wide variety of active implantable medical systems for medical companies all across the globe. He led the Electronics Design team of CCC / Integer for 10 years, between 2005 and 2015, and has served as director of Product Development for Uruguay from 2015 until today. The engineering team lead by Federico has been responsible for the development of more than 60 implantable systems, and is currently developing more than 10 new applications to implement novel treatments for chronic pain, sleep apnea, heart failure, epilepsy and depression, among others.