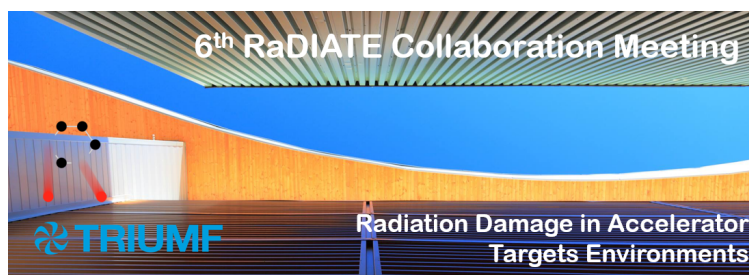


6th RaDIATE Collaboration Meeting



Contribution ID: 44

Type: **not specified**

How to make a Radioactive Ion Beam - An Alchemist's Dream

Monday, 9 December 2019 09:45 (45 minutes)

The family of Radioactive Ion Beam (RIB) facilities is growing and gaining capabilities with new projects in preparation at RISP (Korea), INFN-LNL (SPES), GSI (FAIR) and expanding facilities at ISAC (ARIEL), NSCL (FRIB), ISOLDE (HIE-ISOLDE and EPIC), RIKEN (RIBF), ANL (Caribu) and others. The programs are based on the ISOL or fragmentation production techniques with added capabilities of gas-stopping and reacceleration for the fragment approach and the fragmentation of reaccelerated RIBs produced using the ISOL technique. Physics programs are broad with increasing interest in the development of theranostic ions for medical applications. This talk will give an overview of the global progress in developments critical ingredient for making a radioactive ion beam.

Presenter: Dr GOTTBURG, Alexander (TRIUMF)

Session Classification: Opening Plenary