

ASET Colloquium

Laser Isotope Separation: A 21st century technology
by Prof. M.S. Bhatia (Dean, Ramrao Adik Institute of Technology, Nerul)

Friday, 28 July 2017 from 16:00 to 17:00 at AG-66

Abstract:

With malice towards none and in good spirit, I state that, Science presentations are 'to the point' but devoid of emotions and history. Not so in Technology. To make sense of Technology (especially its acceptance) it is imperative to include historical and economic factors. In Technology you may admirably succeed on the scientific and engineering front and yet be shown a cold shoulder because economists and business analysts have raised a red flag against your proposed Technology. Monetary factors rule above all else as – someone has to invest millions and make millions over that!

In this colloquium, I discuss Science, Engineering and Technology issues of a 21st Century Technology that goes by the name Laser Isotope Separation. This is a Technology that has all the three in good proportions and the latest. The ups and downs and see-saw battles between rival technologies and some futuristic outlook are discussed in a Socratic Dialog fashion to home in the answers that usually get asked about this Technology.

About the Speaker:

Dr. Bhatia did his B.E. in Electrical Engineering (Electronics) from Delhi College of Engineering in 1977. He joined B.A.R.C. in 21st Batch of the Training School and started working in Multi-Disciplinary Research Section, later to be named Laser & Plasma Technology Division. In 1990 he was sponsored for PhD at IIT Delhi. For his doctoral work, he received the Seshadri Memorial Award of IPA in 1994. He has over 50 journal publications in leading international journals. He has guided 10 engineering PhDs in the Homi Bhabha National Institute (HBNI) and Mumbai University and many M.Tech students. He taught at the HBNI till he superannuated in Oct. 2014.