



Contribution ID: 165

Type: **poster**

The SPECT Program at IASA

Thursday 11 May 2006 14:00 (20 minutes)

The experimental program of the SPECT group at the Institute of Accelerating Systems & Applications (IASA) will be presented. It is mainly focused on the development of a new small field of view gamma-Camera based on a Position Sensitive Photomultiplier Tube with pixelized CsI(Tl) and NaI(Tl) scintillation crystals using modern Data Acquisition systems, which are designed on commercially available PCI electronics. The development of various techniques for optimization of the system's performance will be discussed together with imaging results from test phantoms.

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Session Classification: Poster session : Imaging systems, Molecular Imaging

Track Classification: • Status of animal and clinical PET, SPECT and CT (biomedical and technical)