

Session Program

30 August 2012 to 2 September 2012

First Mediterranean Thematic Workshop on Advanced Molecular Brain Imaging with Compact High Performance MRI-Compatible PET and SPECT Imagers - Potential for a Paradigm Shift

Software:

Giardini di Naxos (Taormina, Sicily)

Thursday 30 August

17:50

Software:

Session | **Location:** Giardini di Naxos (Taormina, Sicily)

17:50-18:15

Introductory talk: "Image quality - The role of software and what is indeed needed from the high performance detector. Resolution or efficiency?"

Speaker

Dr N. Clinthorne

18:15-18:40

Algorithms for imaging techniques (accuracy, speed, required computing power, and related challenges) - Spatial resolution/efficiency trade-off (pattern vs small lesions detection)

Speaker

E. Cisbani

18:40-19:00

Reconstruction Techniques (SPECT)

Speaker

B. Tsui

19:25