PSM in Medical Physics Students’ Clinical Training & Research via FAU Partnerships in Education with Local Hospitals/Cancer Centers
Giotsi Galanacou won the award in Physics, Medical Physics & Math

Materials & Methods

- 3 mm thick Poly Methyl Metacrylate (PMMA)
- Double Sided Adhesive (DSA)
INTRODUCTION

Beamlet-Based inverse treatment Planning (BBMT) for IMRT Optimization

- The treatment field is divided into a number of hundreds to thousands of IMRT beams, and each beamlet's photon intensity varies within the specified treatment field.
- The prescription dose for the target (the upper and lower limits) and the DIs for the OARs are predetermined.
- The optimization is performed by optimizing the fluence map. The design constraints are included as the fluence map.

Panagiota Galanakou
APS March Meeting, LA 2018

FL-AAPM Spring Meeting 2015, February 22-24, Orlando FL

Taikra Neupane wins 3rd place award for his presentation