# Master of Advanced Studies in Medical Physics
## 6th cycle 2019-21

<table>
<thead>
<tr>
<th>Name</th>
<th>Country</th>
<th>Thesis title</th>
<th>Supervisor</th>
</tr>
</thead>
</table>
| Mohammed Abujami      | Palestine | 6 MV and 6 MV FFF VMAT dosimetric validation based on AAPM TG 119 report using 3D phantoms, and an on board EPID in a Monte Carlo TPS | Angelo Filippo Monti  
ASST GOM Niguarda, Milano, Italy                                                               |
| Kapis Otieno Erick    | Kenya     | Internal Radiation Dosimetry Based on Dose Point Convolution Kernel (DPK) for $^{177}$Lu-DOTATATE Therapy | Marco D’Andrea, Giuseppe Iaccarino  
Istituto Nazionale Tumori Regina Elena, Rome, Italy                                              |
| Saba Hussain          | Pakistan  | Commissioning of VERSA HD linear accelerator for FF and FFF beams. Evaluation of the performances of various detectors in relative small field dosimetry | Stefania Cora, Mariaconcetta Longo  
San Bortolo Hospital, Vicenza, Italy                                                             |
| Koré Tapé Achille     | Côte d’Ivoire | Impact of the detector type on the implementation of an Eclipse treatment planning system | Paolo Colleoni  
Ospedale PAPA Giovanni XXIII, Bergamo, Italy                                                    |
| Rosa Angelica Petit Sevilla | Venezuela | Statistical Process Control in Tomotherapy pre-treatment QA: Fixing tolerance and action limits for the verification metrics | Eleonora Vanzi  
Az. Ospedaliera Universitaria Senese, Siena, Italy                                               |
| Rehema Mashaka Ramadhan | Tanzania    | Optimization of 18F- FDG Oncological Examinations on a TOF-PET/CT Scanner | Roberta Matheoud  
Azienda Ospedaliero-Universitaria Maggiore della Carità, Novara, Italy                         |
| Panabei Samafou       | Ciad      | Dosimetric verification and comparative analysis of Collapsed Cone Convolution and Irregular Field algorithms for soft tissue, lung, and bone region treatment sites using an anthropomorphic phantom | Francesco Ziglio  
Department of Oncology Santa Chiara, Trento, Italy                                               |
| Sy Khady              | Senegal   | Measurements of planar and tomographic system spatial resolution in SPECT/CT with a home-made phantom | Stefano Ren Kaiser  
Azienda Sanitaria Universitaria Giuliano Isontina, Trieste, Italy                               |
| Edith N. Villegas G.  | Nicaragua | Dosimetric Study of Fetal Dose during External Beam Radiotherapy using OSLD | Marta Paiusco, Marco Fusella  
Istituto Oncologico Veneto, Padova, Italy                                                       |
| Ashok Pokhrel         | Nepal     | Dosimetric comparision of different treatment planning techniques for breast cancer | Sara Fabbri  
St. Anna University Hospital, Ferrara, Italy                                                    |
| Ahmad Nawid Burhan    | Afghanistan | Effects of detector size on evaluation of profile, PDD and output factors | Francesco Ziglio  
Ospedali Santa Chiara, Trento, Italy                                                           |

*Thesis (in pdf format) can be requested to the Secretary of the Master ([mmp@ictp.it](mailto:mmp@ictp.it))*