

## Master of Advanced Studies in Medical Physics 2<sup>nd</sup> cycle 2015-16



## **Thesis Titles**

Name	Country	Thesis title	Supervisor
Ejugu Kebede ABDISSA	Ethiopia	A Comparison of Treatment Plans for Esophageal Cancer	Francesca De Monte, Antonella Rogio IOV, Padova, Italy
David Antonio BRITO IMBAQUINGO	Ecuador	Analysis of the dose deposition iscrepancy on lung-like lesions: An extended PTV definition for a more robust optimization.	Angelo Monti, Hospital Niguarda Ca' Granda, Milano, Italy
Andrea Marcela CASTILLO ARIAS	Nicaragua	Optimization for DR systems applied to chest imaging	Annalisa Trianni University Hospital S. Maria della Misericordia, Udine, Italy
Marcos Calixto CATU' SAJACABUN	Guatemala	Commissioning of a radiotherapy Treatment Planning System based on a collapsed cone convolution algorithm	Loris Menegotti, Francesco Ziglio S. Anna Hospital, Trento, Italy
Surenda Bahadur CHAND	Nepal	Introduction into the clinical practice of a new treatment planning system	Carlo Cavedon, Paolo Maria Polloniato University Hospital, Verona, Italy
Atifa BUSHRA MOHAMED FARAH	Sudan	Evaluation of Prostate Cancer Treatment Planning using 3 Dimension Conformal Radiotherapy(3DCRT) and Volumetric Modulated Arc Therapy (VMAT)	Francesco Ziglio S. Anna Hospital, Trento, Italy
Ali Omar HAMMAD	Palestine/ Syria	Pretreatment dose verification using transmission detector: implementation and measurements	Francesca Romana Giglioli Radiotherapy Departement, A.O.U. Città della Salute e della Scienza di Torino, Italy



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Francisco Javier HERNANDEZ FLORES	Nicaragua	Commissioning of Flattening Filter Free Beams and its clinical application for Stereotactic Body Radiation Therapy in Lung Cancer	Sara Fabbri, University Hospital Ferrara
El-Hassane ID-AAZI	Morocco	Sensitivity of a diode based dosimetric system for the verification of radiation therapy treatment plans	Carlo Cavedon, Alessio Pierelli University Hospital, Verona, Italy
Hoson Nasser Mohamed KHOULI	Palestine	Radiobiological optimization in IMRT planning of prostate cancer and plan evaluation using radiobiological indices	Stefania Cora, Paolo Francescon S. Bortolo Hospital, ULSS 6, Vicenza, Italy
Sergii LUCHKOVSKY	Ukraine	Evaluation of Automatic Planning for Head And Neck IMRT Plans	Stefania Cora, S. Bortolo Hospital, ULSS 6, Vicenza, Italy
Abdlrhman Ibrahim NAYL EDAM	Sudan	Comparison between methods and tools used for analysis of gamma camera uniformity	Maria Rosa Fornasier Medical Physics Department, AOUITs "Ospedali Riuniti", Trieste, Italy
Poorparlen PAYANIANDI	Mauritius	A feasibility study on Portal Dosimetry for Quality Control, and a comparison between Delta4 & EPID for DQA	Giovanna Sartor, Paola Chiovati CRO Aviano, Italy