

Friday, September 2nd 2016

TIME	HALL A Eugenides Foundation (Main Auditorium)	HALL B Metropolitan Hotel (Aegean Sea Ballroom)	HALL C Eugenides Foundation (Conference Hall)
08:00-09:00	<p>Refresher Course: MR Imaging And Radiation Therapy Moderators: D. Lurie, U. van der Heide</p> <p>Basic MRI Physics for radiotherapy physicists D. Lurie</p> <p>MRI-guided radiotherapy U. van der Heide</p>	<p>Scientific Session: Imaging Moderators: M. Koutelou, M. Brambilla</p> <p>Invited Talk Performance evaluation of hardware and software for SPECT cardiac imaging M. Brambilla</p> <p>Oral Presentations</p> <p>0092 In Vivo Measurements For Biokinetic And Monte Carlo Simulations Of Absorbed Dose In Paediatric Patients Using Radiopharmaceuticals J. Costa, P. Teles, R. Parafita, A. Canudo, D. C. Costa, P. Vaz</p> <p>0093 A Multicenter Phantom Study On Noise Structure In [F-18] FDG-PET Imaging R. Matheoud, M. Lecchi, D. Lizio, B. Isiaka, C. Scabbio, L. Vigna, C. Rodella, L. Indovina, M. Brambilla, O. Zoccarato</p> <p>0094 Extremity Doses Assessment Of Nuclear Medicine Staff Involved In ^{99m}Tc-Radiopharmaceuticals Preparation: A Multicentre Study O. Zoccarato, R. Matheoud, D. Zanni, L. Vigna, R. Campini, S. De Crescenzo, F. Rottoli, M. Brambilla</p> <p>0095 Calibrations For RA-223 Chloride SPECT Quantitative Imaging S. Synefia, I. Vamvakas, R. Avgousti, M. Souvatzoglou, G. Limouris, M. Lyra</p>	<p>Scientific Session: Radiation Protection in Interventional Radiology Moderators: G. Kagadis, A. Stratis</p> <p>Oral Presentations</p> <p>0104 Patient Radiation Exposure And Influencing Factors At Interventional Cardiology Procedures K. Andreou, I. Pantos, E. Tzanalaridou, E. Efstathopoulos, D. Katritsis</p> <p>0105 Reference Levels In Pediatric Interventional Cardiology: Preliminary Results From The Coccinelle Study S. Dreuil, H Baysson., F. De Zordo-Banliat, A. Teyssonneyre, M.O. Bernier</p> <p>0106 Measurement Of Conversion Coefficients Between Free-In-Air Kerma And Personal Dose Equivalent For RQR Spectra To Be Used In Monitoring Of The Eye Lens In Interventional Radiology A. Zagorska, Z. Buchakliev, J. Vassileva</p> <p>0107 Effectiveness Of Radiation Protective Drape To Reduce Exposure In Fluoroscopically-Guided Interventional Procedures G. Tamborino, C. Saldarriaga Vargas, J. Dabin, D. Berus, J. Dens, P. Kayaert, J. Maeremans, L. Struelens</p> <p>0108 Risk Evaluation In Patients Undergoing Coronary Angiographic And Angioplasty Procedures With Radial Access L. Vigna, D. Lizio, R. Matheoud, B. Cannillo, P. Chiappino, M. Brambilla</p> <p>0109 Methods To Estimate Fetal Dose From Fluoroscopically Guided Prophylactic Hypogastric Artery Balloon Occlusion (HABO) G. Solomou, K. Perisinakis, D. Tsetis, J. Stratakis, J. Damilakis</p>
09:00-10:30	<p>Special Session Raising Awareness Of Medical Physics: The View Of International Organizations Moderator: J. Vassileva</p>	<p>Joint EFOMP-EFRS Session Dose Optimization Strategies: From Concepts To Clinical Practice Moderators: J. Damilakis, G. Paulo</p>	<p>Scientific Session: Radiation Protection in Radiotherapy Moderators: A. Torresin, V. Tsapaki</p> <p>Oral Presentations</p>

International Organization for Medical Physics (IOMP)
S. Tabakov

International Centre for Theoretical Physics (ICTP)
R. Padovani

International Atomic Energy Agency (IAEA)
H. Delis

Introducing the EFRS and translating research into
clinical practice

G. Paulo

Establishing and monitoring DRLs
J. Damilakis

Dose Optimization in paediatric patients
V. Syrgiamiotis

Patient dose optimization in fluoroscopically-guided
procedures
E. Efstathopoulos

What the clinical staff know and understand
J. Portelli

Discussion:

Dose optimization requires close cooperation between
medical physicists and radiographers

O110 Evaluation And Optimization Of Cardiac And Left
Anterior Descending Artery DVHs In Radiotherapy
Of Left Breast Cancer Patients
**T. Stroubinis, M. Tolia, C. Kappas, G. Kyrgias,
K. Theodorou**

O111 Dosimetric Comparison Of 3D Chemical
Dosimeters For Use In Modern RT/SRS Quality
Assurance
**L. Petrokokkinos, A. Moutsatsos, E.P. Pappas,
I. Seimenis, E. Pantelis, P. Karaiskos,
P. Papagiannis**

O112 Comparison Of Two Film Dosimetry Methods For
Dose Verification In Stereotactic Radiosurgery
Applications
**G. Antorkas, E. Zoros, E. Pantelis, G. Kollias,
E. Georgiou, P. Karaiskos**

O113 Monte Carlo Determination Of Correction Factors
For Dosimetric Measurements In Gamma Knife
Perfection Small Fields
**E. Zoros, E.P. Pappas, A. Moutsatsos, E. Pantelis,
C. Paraskevopoulou, E. Georgiou, P. Karaiskos**

O114 A New Approach In Patient QA: Beam Delivery
Check And In-Vivo Dosimetry During Radiotherapy
Treatment
**C. Talamonti, C. Arilli, L. Marrazzo, S. Calusi,
C. Galeotti, Y. Wandel, I. Meattini, S. Scoccianti,
S. Pallotta**

O115 Development And Validation Of A Software To
Evaluate Breathing-Induced Prostate Motion
Tracked With Implanted Electromagnetic
Transponders
**C.M.V. Panaino, T. Giandini, M. Carrara, S. Frasca,
B. Avuzzi, S. Morlino, D. Bosetti, N. Bedini, S. Villa,
T. Rancati, R. Valdagni, E. Pignoli**

O116 Bolus In Optimizing VMAT Breast Treatments
**A.F. Monti, M.G. Brambilla, L. Sarno, C. Carbonini,
M.B. Ferrari, D. Zanni, F. Rottoli, V. Arienti,
A. Torresin**

O117 3D Polymer Gel MRI Dosimetry Using A 2D HASTE,
a 2D TSE and a 2D SE Multi Echo (ME) T2
Relaxometric Sequences: Comparison Of
Dosimetric Results
**T.G. Maris, E. Pappas, T. Boursianis,
G. Kalaitzakis, N. Papanikolaou, L. Watts,
M. Mazonakis, J. Damilakis**

O118 Implementation Of An Adaptive Radiotherapy

			Method Using EPID And Gamma Analysis For Head And Neck And Lung Cases O. Piron, N. Varfalvy, L. Archambault
10:30-11:00	Coffee Break		
10:30-11:00	Satellite Lecture (sponsored by Bayer Public Limited Company) Moderator: G. Bourrée The necessity of dose management systems in radiology and their benefits M. Wucherer		
11:00-12:00	Scientific Session: Radiation Oncology Physics, QA and Technology Moderators: C. Marino, P. Platoni Oral Presentations 0076 Validation Of The Performance Of 3-D Detector Arrays For Radiotherapy Verifications W. Bulski, K. Chelmiński, P. Sobotka 0077 Application Of Failure Mode And Effect Analysis To The Perfexion Gamma Knife Treatment M. Adili, S. Hasan, B. Mohammed, A. Alhamad 0078 Alternative Regimens For Treating Prostate Cancer Using Equivalent Uniform Dose And Monte Carlo Methods S. Oliveira, Y. Rosmanets, P. Teles, L. Fernandes, N. Teixeira, P. Vaz 0079 New Quality Control Phantom For Stereotactic Body Radiation Therapy Using Radiochromic EBT3 Film L.T. Cunha, P. Pereira, A.G. Dias 0080 A Novel Method For Sub-Millimetric Determination Of Laser-Radiation Isocenter Coincidence By Means Of A Computed Radiography System M. Benito, A. del Castillo, H. Perez-Garcia, D. Miguel 0081 Effect Of Scattering Angle On Energy Loss Radiography Imaging For Various Proton Energies Relevant In Proton Therapy: A Simulation Study A. Biegun, J. Takatsu, T. Nakaji, M-J. van Goethem, E.R. van der Graaf, E.N. Koffeman, J. Visser, S. Brandenburg	Joint EFOMP-IAEA Session Quality Practices In Diagnostic Radiology Moderators: H. Delis, K. Faulkner Moving beyond quality control in Diagnostic Radiology H. Delis The role of comprehensive clinical audits in Quality Improvement in DR K. Faulkner Challenges of implementing QA in Europe Participants of RER6032 workshop	Scientific Session: Diagnostic Nuclear Medicine Moderators: M. Bardies, M. Brambilla Oral Presentations 0119 Staff Dose At Different Body Regions And At Different Stages Of 18F-FDG PET/CT Procedures K. Dalianis, G. Kollias, A. Nikaki, F. Vlachou, R. Efthimiadou, J. Andreou, V. Prassopoulos 0120 Radiation Exposure Comparison Nuclear Medicine Vs PET/CT K. Dalianis, G. Kollias, T. Pipikos, F. Vlachou, R. Efthimiadou, J. Andreou, V. Prassopoulos 0121 Pediatric Nuclear Medicine Dosimetry: A Monte Carlo Study On S-Value Variability Due To Patient Specific Characteristics V. Iliadou, P. Papadimitroulas, W. D. Erwin, T. Kostou, G. Loudos, G. C. Kagadi 0122 Scatter Correction For Planar And Spect Imaging With Factor Analysis P. Knoll, S. Mirzaei, A. Rahmim 0123 A Novel Stereotactic Frame For True Pet Guided Biopsies J. Cortes-Rodicio, G. Sanchez-Merino, M.A. Garcia-Fidalgo, I. Tobalina Larrea 0124 On A New Mechanism On Γ -Ray Attenuation Strengthened By New Data E. Adamides, A. Kavadjiklis, S.K. Koutroubas, N. Moshonas, A. Tzedakis

12:00-13:00	<p>Scientific Session: Radiation Oncology Moderators: C. Cavedon, K. Zourari</p> <p>Invited Talk The impact of external dosimetry verification in radiotherapy C. Clark</p> <p>Oral Presentations</p> <p>0082 Hippocampal Sparing Whole Brain Irradiation: Experience In Our Department P. Dorado Rodriguez, D. Planes Meseguer, R.D. Esposito, L. Fernandez Fornos, S. Miranda Labajos</p> <p>0083 Definition Of A Threshold For Plan Adaptation In Particle Therapy Z. Asim, W. Chen, P. Ferreira, P. Naumann, V. Batista</p> <p>0084 Impact Of Iterative Metal Artifact Reduction On Dose Calculation Accuracy – Phantom Study M. Maerz, A. Morenz, K. Puerckhauer, O. Koelbl, M. Behr, F. Pohl, B. Dobler</p> <p>0085 Dosimetric Characterization Of Linac Small Beams Using A Plastic Scintillator Detector: A Multicenter Study M. Pasquino, M. Stasi, P. Mancosu, S. Russo, E. Villaggi, C. Gasperi, M. Casale, G. Loi, L. Strigari, R. Miceli, G.H. Raza, D. Fedele, A. Vaiano, M.D. Falco, E. Moretti, F.R. Giglioli, R. Nigro, C. Talamonti, G. Pastore, S. Luxardo, E. Menghi, G. Benecchi, S. Clemente, C. Marino, G. Borzi, B. Nardiello, V. Ardu, L. Paladini, E. Cagni, G. Russo, L. Spiazzi, F. Vittorini</p>		<p>Scientific Session: Nuclear Medicine Moderator: G. Loudos</p> <p>Oral Presentations</p> <p>0125 The Impact Of Cell Proliferation And Radionuclide Uptake Rate In Radio-Immunotherapy M. Šefl, I. Kyriakou, D. Emfietzoglou</p> <p>0126 “γ-eye”: A Paradigm Shift In Scintigraphic Mouse Imaging M. Georgiou, P. Papadimitroulas, E. Fysikopoulos, K. Mikropoulos, G. Loudos</p> <p>0127 Automatic Bone Marrow Segmentation For PETCT Imaging In Multiple Myeloma P. Leydon, M. O’Connell, D. Greene, K. Curran</p> <p>0128 Cellular And Subcellular Dosimetry Of Radioisotopes Used For PET Imaging N. Hocine, L. Faivre, L. Sarda-Mantel</p> <p>0129 Inversion Of The Attenuated Radon Transform Using Cubic Splines N. E. Protonotarios, A. S. Fokas, A. Gaitanis, G. A. Kastis</p> <p>0130 Patient Release Criterion After Iodine-131 Radionuclide Therapy. The Iatropolis Clinic Experience C. Antypas, L. Sideri, A. Moutsatsos, E. Pantelis, K. Salvara, V. Voliotopoulos</p>
13:00-14:00	Lunch Break		
14:00-15:00	<p>Scientific Session: Brachytherapy Moderators: S. Nikolettopoulos, H. Delis</p> <p>Oral Presentations</p> <p>0086 Comparison Of CO-60 And IR-192 in CT-Based Brachytherapy Treatment Planning For Gynecological Cancers L. Kowalik</p> <p>0087 Brachytherapy Treatment Planning For Prostate Cancer With The Use Of The Computed Tomography-Based (CT-Based) Planning Software In Patients After Total Primary Amputation Of The</p>	<p>Scientific Session: Imaging Moderators: U. Eberlein, S. Holm</p> <p>Invited Talk Acquisition protocols for 18F-FDG whole body PET/CT: optimizing scan duration versus administered dose S. Holm</p> <p>Oral Presentations</p> <p>0096 Mobile PET Insert For Simultaneous PET/MRI Imaging M. Zielinski, D. Alfs, T. Bednarski, P. Białas, E. Czerwiński, A. Gajos, B. Głowacz, M. Gorgol, B. Jasińska, D. Kamińska, G. Korcyl, P. Kowalski,</p>	<p>Scientific Session: Miscellaneous Moderators: M. Stasi, T. Maris</p> <p>Oral Presentations</p> <p>0131 Fractional Flow Reserve Derived From Conventional Coronary Angiograms And Computational Fluid Dynamics I. Pantos, A. Kopanidis, E. Tzanalaridou, A. Theodorakakos, E. Efsthathopoulos, D. Katritsis</p> <p>0132 Regulation Of The Artificial Tanning Sector In Greece A. Petri, E. Karabetsos</p>

	<p>Rectum And Ebrt (External Beam Radiation Therapy) Due To Rectal Cancer L. Kowalik, J. Łyczek, D. Kazalski, M. Sawicki</p> <p>0088 Individual Applicator For Brachytherapy For Various Sites Of Superficial Malignant Lesions L. Kowalik, J. Łyczek, M. Sawicki, D. Kazalski</p> <p>0089 TPSDose43: A New TG-43 Based Dose Calculation Code For Brachytherapy G. Yegin, S. Sariaydin</p> <p>0090 Documentation Of A New Intracavitary Applicator For Transrectal Hyperthermia For Prostate Cancer Cases A. Nikolakopoulou, C. Armpilia, C. Antypas, E. Karanasiou, R. Avgousti, E. Apostolou, N. Uzunoglou, I. Gogalis, V. Kouloulis</p> <p>0091 Impact Of MR Geometric Distortion On Brachytherapy In Cervical Cancer T. Torfeh, R. Hammoud, A. Vasic, S. Paloor, S. Chandramouli, S. Aouadi, P. Petric, N. Al-Hammadi</p>	<p>T. Kozik, W. Krzemieñ, E. Kubicz, M. Mohammed, M. Pawlik-Niedźwiecka, S. Niedźwiecki, M. Pałka, L. Raczyński, Z. Rudy, O. Rundel, N.G. Sharma, M. Silarski, A. Strzelecki, A. Wieczorek, W. Wiślicki, M. Zieliński, B. Zgardzińska, P. Moskal</p> <p>0097 Novel J-PET Scanner Combined With Positron Annihilation Lifetime Spectroscopy Technique As A Tool For Morphometric Imaging E. Kubicz, D. Alfs, T. Bednarski, P. Białas, E. Czerwiński, A. Gajos, B. Głowacz, M. Gorgol, B. Jasińska, D. Kamińska, G. Korcyl, P. Kowalski, T. Kozik, W. Krzemieñ, M. Mohammed, M. Pawlik-Niedźwiecka, S. Niedźwiecki, M. Pałka, L. Raczyński, Z. Rudy, O. Rundel, N.G. Sharma, M. Silarski, A. Strzelecki, Anna Wieczorek, W. Wiślicki, M. Zieliński, B. Zgardzińska, P. Moskal</p> <p>0098 Hybrid TOF-PET/MRI Local Transceiver Coil B. Głowacz, D. Alfs, T. Bednarski, P. Białas, E. Czerwiński, A. Gajos, M. Gorgol, B. Jasińska, D. Kamińska, G. Korcyl, P. Kowalski, T. Kozik, W. Krzemieñ, E. Kubicz, M. Mohammed, M. Pawlik-Niedźwiecka, S. Niedźwiecki, M. Pałka, L. Raczyński, Z. Rudy, O. Rundel, N.G. Sharma, M. Silarski, A. Strzelecki, Anna Wieczorek, W. Wiślicki, M. Zieliński, B. Zgardzińska, P. Moskal</p> <p>0099 Novel Plastic Scintillators For The Fully Digital And MRI Compatible J-PET Scanner A. Wieczorek, D. Alfs, T. Bednarski, P. Białas, E. Czerwiński, A. Gajos, B. Głowacz, M. Gorgol, B. Jasińska, D. Kamińska, G. Korcyl, P. Kowalski, T. Kozik, W. Krzemieñ, E. Kubicz, M. Mohammed, M. Pawlik-Niedźwiecka, S. Niedźwiecki, M. Pałka, L. Raczyński, Z. Rudy, O. Rundel, N.G. Sharma, M. Silarski, A. Strzelecki, W. Wiślicki, M. Zieliński, B. Zgardzińska, P. Moskal</p>	<p>0133 Effects Of Adaptive Response Induced By Low-Dose Ionizing Radiation On Immune System In Spleen Lymphocytes Of BALB/C MICE M. T. Bahreyni Toossi, Sepideh Abdollahi Dehkordi, Mojtaba Sankian, Hosein Azimian, Maryam Najafi Amiri, Sara Khademi</p> <p>0134 The Importance Of Color Quality Assurance Of Medical Displays Ir.W.A. Mahn, Ir. A.A. Becht</p> <p>0135 HAMP Quality Assurance Protocol Of Hyperthermia Systems S. Triantopoulou, C. Antypas, P. Karaiskos, C. Armpilia, K. Platoni, V. Kouloulis</p> <p>0136 Let Quenching Correction In Solid State Dosimeters G. Gambarini, E. Artuso, G. Camoni, G. Colombo, M. Felisi, A. Gebbia, E. Massari, I. Veronese, D. Giove, M. Carrara, F. d'Errico</p>
15:00-16:00	<p>Special Session: Education And Training (E&T) In Medical Physics Moderators: H. Bosmans, C. Caruana</p> <p>Reducing total E&T time without loss of quality: the E&T model in Malta C.J. Caruana</p> <p>Traditional curricular delivery vs the flipped learning approach: the EUTEMPE-RX experience H. Bosmans</p> <p>Developing future Medical Physics leaders: a participant's perspective on EUTEMPE-RX leadership module MPE01</p>	<p>Scientific Session: Imaging Moderators: K. Faulkner, R. Padovani</p> <p>Invited Talk Radiation dose from Dual Energy CT applications M. Kalra</p> <p>Oral Presentations</p> <p>0100 Spectral CT: On The Accuracy Of Concentration And Effective Atomic Number Estimation A. Papadakis, J. Damilakis</p> <p>0101 Breast Bismuth Shielding In Coronary CT Angiography: To Shield Or Not To Shield? K. Perisinakis, A. Tzedakis, A. E. Papadakis,</p>	<p>Scientific Session: Radiation Protection in Radiotherapy Moderators: C. Talamonti, M. Mazonakis</p> <p>Oral Presentations</p> <p>0137 Effect Of Shielding On Pelvic And Abdominal Iort Dose Distributions A. Esposito, T. Sakellaris, P. Limede, F. Costa, L. T. Cunha, A. G. Dias, J. Lencart, S. Sarmento, C. Carmelo Rosa</p> <p>0138 Monte-Carlo Dose Computation In Radiotherapy For Lung At Very Low Density S. Beilla, T. Younes, L. Vieilleveigne, M. Bardies, X. Franceries, L. Simon</p>

	<p>A.Kuchcinska</p>	<p>K. Pagonidis, J. Damilakis</p> <p>0102 The Effect Of Heart Rate And Vessel Angulation On Coronary Artery Stenosis Evaluation From Cardiac CT Angiography K. Perisinakis, A. E. Papadakis, A. Hatzidakis, J. Damilakis</p> <p>0103 Evaluation Of Effectives Doses To Patients After Whole Body Computed Tomography A. Beganović, S. Stabančić, A. Skopljak-Beganović, M. Gazdić-Šantić, R. Jašić, A. Drljević</p>	<p>0139 Experimental Characterization Of The Neutron Spectra Generated By A High-Energy Clinical Linac Using Neutron Activation Metal Detectors E. Vagena, K. Theodorou, S. Stoulos</p> <p>0140 EPR Analysis Of Dosimetric Properties Of Various Organic Materials For Radiotherapy Applications A. Belahmar, M. Mikou, A. Mamadou Saidou, M. Bougteb</p> <p>0141 Multichannel Film Dosimetry Vs 2D-Array Seven29 For VMAT Lung SBRT J.F. Mata-Colodro, A. Serna , V. Puchades-Puchades, D. Ramos-Amores, J.A. Vera-Sanchez, M. Alcaraz-Banos</p> <p>0142 Dosimetric Evaluation Of The Dose Calculation Accuracy Of Different Algorithms For Two Different Treatment Techniques During Whole Breast Irradiation P. Pacaci, M.S. Cebe, H. Mabhouti, G. Codel, E. Serin, E. Sanli, M. Doyuran, E. Kucukmorkoc, A. Altinok, D. Canoglu, N. Kucuk, H. Acar, H. Caglar</p>
<p>16:00-16:30</p>	<p style="text-align: center;">Coffee Break</p>		
<p>16:30-18:00</p>	<p>ECMP Welcomes Italy: Advanced Techniques In Stereotactic Ablative Body Radiotherapy Moderators: C. Cavedon, S. Russo</p> <p>Technical developments in high precision radiotherapy C. Cavedon</p> <p>Small beam dosimetry: a multi-center multi-detector italian project C. Talamonti</p> <p>Multi-institutional national study for planning comparison on different anatomical sites C. Marino</p>	<p>Joint EFOMP-IAEA Session: Patient Safety In Paediatric Imaging Moderators: J.Vassileva, J. Damilakis</p> <p>Radiation protection of children – from standards to practice J. Vassileva</p> <p>Unborn children: Radiation protection in pregnancy J. Damilakis</p> <p>Optimization of paediatric CT M. Kalra</p> <p>Selected talks from the accepted abstracts of the countries participating in the IAEA projects</p> <p>Size specific dose estimates in pediatric chest, abdomen and pelvis CT examinations A. Yurt, I. Ozsoykal, K. Akgungor K., Turkey</p> <p>The establishment of local diagnostic reference levels for pediatric CT B. Gričiene, M. Petkelyte, A. Neverauskiene, L. Petkevičius, Lithuania</p>	<p>Scientific Session: Magnetic Resonance Moderators: I. Tsougos, T. Maris</p> <p>Oral Presentations</p> <p>0143 Simultaneous Measurement Of Iron Concentration And Fat Infiltration In The Liver With A Single-Breathhold 16-ECHO Gradient ECHO Sequence E.D. Gotsis, D.E. Gotsis, P. Karaiskos, I. Seimenis</p> <p>0144 In Vivo Proton MR Spectroscopy Of Gliomatosis Cerebri: Diagnosis And Exploration Of Tumor Metabolism E.D. Gotsis, D.S. Gkotsi, G. Pissakas, I. Seimenis</p> <p>0145 Treatment Plan Verification In MRGFUS For Bone Metastasis Pain Palliation Bianchini D., Marcocci F., Menghi E., D’Errico V., Mezzenga E., Sarnelli A.</p> <p>0146 A Method For Fast 3D Imaging Of Contrast Enhanced Vessels Or Catheters Using Magnetic Resonance Projections M. Unan, I. Seimenis, A.G.Webb, N.V. Tsekos</p> <p>0147 Assessment Of Total Geometric Distortion In MR Images Used In Intracranial Stereotactic</p>

Estimating patient dose and radiology practice from interventional cardiology procedures in the paediatric cardiology department in Bulgaria
D. Kostova-Lefterova, Bulgaria

Discussion:

The Role Of Medical Physicists In Dose Management For Children

Panelists: **J. Vassileva, J. Damilakis, M. Kalra**

Radiosurgery

M. Alshantqity, E. P. Pappas, P. Karaiskos, A. Moutsatsos, K. Alsafi, H. Lababidi, E. Georgiou

- O148** Feasibility Of Fat Fraction Quantification By Measuring J-Coupling Related Signal Modulation In Multi ECHO Fast Spin ECHO Sequences
K. Nikiforaki, T. Boursianis, G.C. Manikis, K. Marias, A. Karantanas, T.G. Maris
- O149** Preliminary Study For Non-Invasive Magnetic Resonance Imaging And Spectroscopy Of The Eye: A Novel Technique For Monitoring Pharmacokinetics Of Ocular Drug Delivery
I. Tsiapa, T. Boursianis, G. Kalaitzakis, K. Nikiforaki, E. Papadaki, G. Bontzos, A. H. Karantanas, M. K. Tsilimbaris, T. G. Maris
- O150** High Resolution 3D MRI Protocol Optimization Of Corneal Neovascularization In Rabbits
I. Tsiapa, T. Boursianis, E. Papadaki, A. H. Karantanas, P. Bouziotis, M K. Tsilimbaris, T. G. Maris
- O151** Whole Brain White Matter Integrity Measures On Patients With Moderate To Severe Traumatic Brain Injury (TBI). FA And Entropy Analysis
C. Yiannakkaras, N. Konstantinou, E. Pettemeridou, F. Constantinidou, E. Eracleous, S. S. Papacostas, I. Seimenis

20:00-24:00

"Get Together" Beach Party at "MACAW-LOCA" Beach Bar