

OPENING SESSION

CHAIR: Filipe Moura



WEBART2021 / ART President

Isabel Lobato



Radiation Therapist, Head of department since 2010
Adjunct Professor in ESTeSL since 2015
Specialist in Radiation Therapy since 2019
ESTRO RTT Committee Member since 2017
Post Graduate in Healthcare Management since 2020
President of a cancer patient association, in Alentejo (AOAL), since 2017

Marco Caetano



Degree in Radiotherapy from Lisbon School of Health Technology, since 2000
Master in Radiotherapy, Therapeutic Area, by Lisbon School of Health Technology since 2013
Specialist in Radiotherapy, by the Lisbon Polytechnic Institute since 2015
Full-time Lecturer at the Lisbon School of Health Technology in the course of Medical Imaging and Radiotherapy since 2016.

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The SAFE EUROPE project: a brief overview and current status
Sonyia McFadden (Ulster University | SAFEEUROPE coordinator)



Qualified as a Diagnostic Radiographer in 1994. She completed her MSc in 2000 investigating radiation exposure in interventional cardiology and was appointed as a Lecturer in Diagnostic Imaging in the University of Ulster, Belfast in 2001. She was awarded her PhD in 2010 for her study on radiation dose optimisation in paediatric interventional cardiology and the ISRRRT Dosewise International Radiographer of the Year 2014. She is currently a Senior Lecturer in Diagnostic Radiography at Ulster University and the lead researcher for healthcare practice and education in the Research Centre. Sonyia has several areas of ongoing research, publishes widely and supervises and assess PhD students internationally. This culminated in being awarded the Fellowship of the College of Radiographers in 2016 reflecting her service to the profession.

Currently Sonyia is Principal Investigator on the SAFEEUROPE project liaising with the European Commission, coordinating and managing activities within the consortium.

Teaching Lecture: Quality and Safety

Chair: Isabel Lobato

Radiation Therapist Education for Quality and SAFE Radiotherapy

Mary Coffey (Trinity College Dublin, IE) – **Keynote Speaker**



Adjunct Associate Professor attached to the Department of Radiation Therapy, School of Medicine, Trinity College Dublin, Ireland.

I established the School of Radiation Therapy at St. Luke's Hospital in 1982 and led the discussions that culminated in the integration of the School into the University involving development of the academic and clinical curriculum and ensuring that current trends in radiotherapy were adequately reflected in the degree programme.

I established the first European Committee for radiation therapists within the European Organisation for Research and Treatment of Cancer (EORTC) and co-founder of the radiation therapy committee within the European Society for Therapeutic Radiology and Oncology (ESTRO) and am currently chair of the ESTRO Radiation Oncology Safety and Quality Committee. I was a member of the first council of the Irish Institute of Radiography and Radiation Therapy (IIRRT) and held both Secretary and President positions.

I have worked extensively with the ESTRO and the International Atomic Energy Agency (IAEA) to improve the standard of education of radiation therapists and the quality of treatment delivered to cancer patients. I was a member of the Irish Department of Health and Children's working party which developed the national plan for radiation oncology in Ireland. In 2006 I received the Gunilla Bentel award for service to Radiotherapy awarded by the Indian Association of Radiation Therapists, in 2007 the first Fellowship in Radiation Therapy of the Irish Institute of Radiography and Radiation Therapy.

In 2009 I was awarded the ESTRO Emmanuel van der Schueren award,

In 2013 I received the ESTRO Honorary Physicist award and in 2016 the ESTRO Lifetime Achievement award for my contribution to radiotherapy.

Symposium: European mobility and Professional Certification

Chair: Sonyia McFadden

RTT Certification in Belgium (VVRO, BE)

Ludwig Van Den Berghe



Ludwig Van den Berghe was born in Ghent, Belgium. He went to study nursing. Afterwards he specialized further and obtained a postgraduate degree in radiotherapy and radiation protection. He started his career in 1993. In 2010 he became the head of the RTTs at the UH in Ghent. Within the department, he is one of the initiators of organizing nursing consultations. He has been closely involved in the work of the Association of Nurses working in Radiotherapy and Oncology in Flanders. In May 2019 he was elected the association's new president. He is coordinator of the postgraduate in radiotherapy.

In the European field, Ludwig is active as a member of the RTT Committee of ESTRO. He works as representative for the ESTRO RTT Alliance. Ludwig is asked to give lectures at home and abroad.

He also studied piano, flute and took singing lessons. He is member of a semi-professional choir and is a passionate opera lover. He also likes to travel and finds peace in cooking.

RTT Certification in UK

Charlotte Beardmore (SoR Board, UK)



FCR (Fellowship of the College of Radiographer) MBA (Open) BSc (Hons) DCR (R) & (T)

President, European Federation of Radiographer Societies (EFRS)

Director of Professional Policy, Society and College of Radiographers (SCoR)

Charlotte Beardmore is the President of the EFRS, which represents over 105,000 radiographers and 8,000 students across Europe within clinical imaging, nuclear medicine and Radiotherapy, and a past Chair of the EFRS Radiotherapy Committee and member of the SAFE Radiotherapy consortium.

Charlotte is Director of Professional Policy at the Society of Radiographers, an honorary member of the Royal College of Radiologists and a past president of the Society of Radiographers.

Charlotte has over 35 years of experience as a radiographer initially qualifying as a Diagnostic Radiographer, and then a Therapeutic Radiographer. Her career has expanded across clinical, project and managerial positions in health care. Her current role, at SoR requires her to provide leadership, advice and guidance on the educational and professional development of the radiography profession across the UK.

Charlotte is co-chair of the Health Education England, Strategic Oversight Group: Centre for Advancing Practice; for the multi-professional workforce across health and social care in England.

Symposium: European mobility and Professional Certification

Chair: Sonyia McFadden

RTT Certification in Portugal

Filipe Moura (ART, PT)



Qualified as Radiation Therapist (BSc. Hons) in 2003 at Superior School of Health Technology of Lisbon (ESTeSL), with research focused on Radiation Therapists roles and competences in Portugal.

He completed his MSc in Biophysics in 2008, on which he has worked as a Research Assistant in Haaglanden Medical Centre, The Hague, with research topic on Amorphous Silicon detector panel damage.

Filipe Moura has worked over 17 years at Radiation Oncology Department in Hospital CUF Descobertas, in Lisbon and from 2009 to the present, Filipe Moura worked as an Associate Professor for undergraduate and postgraduate programmes at ESTeSL.

From 2017 became a certified professor with specialist degree, by the Polytechnic Institute of Lisbon, with the research focused on Error analysis in Radiotherapy: Impact of verification protocols on variability and treatment margins.

From 2011 to 2014, take the role as Chairman of the ESTRO RTT Committee and in 2018 enrolled as ESTRO RTT Alliance Representative. Since 2006, Filipe have been a founder member of ART. From 2013 became the vice-president of ART and early 2017 became officially the President of ART.

Impact of SAFE EUROPE ERASMUS+

Peter Hogg (University of Salford, UK) – **Keynote Speaker**



Throughout most of his clinical and academic career Peter has contributed to our profession by publishing journal articles, delivering conference papers and sitting on national and international committees. Between 1990 and 2020 he was a full time academic at City University (London) and then the University of Salford (Manchester). Early in 2002 his university promoted him to Chair Professor and shortly after that he created and led the radiography research programme at Salford, which focused into breast cancer detection and, separately, radiation dose / image quality optimisation.

Peter held many academic and professional appointments. For example, in the university he was Research Dean for a large healthcare school for 5 years, he was academic head of department for 5 years and masters degree programme leader for 19 years. Professional service examples include, being Editor in Chief of Radiography for 5 years, Chair of a Euro-American committee on nuclear medicine for 2 years and UK Government advisor for 5 years. Peter retired in 2020, but as seen here, he continues to contribute to our profession by delivering conference presentations. He still writes books and journal articles, he is PhD, MSc and BSc External Examiner as well as being involved various other professional activities. In his retirement he has a keen interest in music, learning piano and drums. He is also a keep fit enthusiast and is a keen walker and long distance cyclist.

Symposium: Circular Economy and Qualification Framework
Chair: Marco Caetano

A review of current research on circular economy and applicability to healthcare
Ana Luísa Soares (Portuguese Oncology Institute of Porto, PT)



Ana Luísa Soares graduated in Radiotherapy by the School of Allied Health Sciences of Aveiro University (Portugal) in 2005 and holds a MSc in Radiotherapy in 2012 from School of Allied Health Sciences of Polytechnic Institute of Lisbon, Public Higher Education Institute (Portugal).
Ana worked as a Radiation Therapist, between 2005 and 2013 and works as a Dosimetrist since 2013 to the present day, at Portuguese Institute of Oncology – Porto (IPOP).
She is also an Assistant Professor at University of Aveiro since 2015 and a student supervisor during their clinical placements in radiotherapy planning.
She is an investigator of the SAFE EUROPE project, focusing on Work Package 6 (Circular Economy in Radiotherapy) and is a PhD student in Advanced Biotechnology at Vigo University (Spain).

National regulations and its impact on quality and competency level of Radiation Therapists
Guilherme Couto (University of Malta, MT)



Mr Couto read for his undergraduate degree in Radiotherapy at Escola Superior de Saúde (Porto) and for his Masters' degree in Medical Physics at the Universidade do Porto. Before starting his academic career, Mr Couto worked as a Radiotherapist at one of the largest oncology hospitals in Portugal, the Instituto Portugues de Oncologia. He started his academic career as a Clinical Educator with Escola Superior de Saúde earlier on in his career, becoming Guest Lecturer later on. In 2014, Mr Couto moved to Malta to work as an Assistant Lecturer at the University of Malta.
Mr Couto is passionate about Radiotherapy science and the profession. He believes that education is an essential pillar in developing high standards of care, which result in better outcomes for Radiotherapy patients. Given his experience as an educator and as a migrant, he enrolled in a PhD at Ulster University to study "Education of Radiotherapy across the EU". This allowed him to help to develop the SAFE EUROPE project in collaboration with Ulster University and six other international partners.

Symposium: Circular Economy and Qualification Framework

Chair: Marco Caetano

Education and competences for RTTs: European Qualification Framework and future roadmap

Michelle Leech (Trinity College Dublin, IE) – **Keynote Speaker**



Dr. Michelle Leech is Associate Professor and Head of department at the Discipline of Radiation Therapy, School of Medicine, Trinity College Dublin, Ireland.

Michelle is Course Director of the BSc. (Honours) Radiation Therapy at Trinity College. She is past Chair of the RTT (Radiation Therapist) Committee at the European Society for Radiotherapy and Oncology (ESTRO). Within ESTRO, she is Chair of blended learning at the ESTRO School and is a member of both the Scientific and Educational Councils. She is Editor-in Chief of the ESTRO Journal *Technical Innovations and Patient Support in Radiation Oncology* and is a member of the editorial board of *'Radiotherapy and Oncology'*. Michelle also contributes to activities of the International Atomic Energy Agency (IAEA), particularly in the education of RTTs. In 2020 Michelle was the recipient of the prestigious Emmanuel van der Schueren award in recognition of her contribution to education and scientific excellence in the field of Radiation Oncology.

Symposium: Curriculum development

Chair: Ricardo Khine

A systematic review of advanced practice of RTTs/TRs: roles and capabilities

Celeste Oliveira (Portuguese Oncology Institute of Porto, PT)



Celeste Oliveira graduated in 2005 (BSc in Radiotherapy) at the Universidade de Aveiro (Portugal). In 2012 she obtained a MSc in Medical Informatics from the Faculdade de Medicina and Faculdade de Ciências of the Universidade do Porto (Portugal).

She works in the radiotherapy department at Instituto Português de Oncologia do Porto (IPOP) since 2007 as a therapeutic radiographer, and after 2018 also works in the SAFE EUROPE project (ERASMUS+) as a researcher for WP5 led by Ulster University, WP7 led by IPOP and WP8 led by the European Federation of Radiographer Societies (EFRS). Currently, she is a PhD student at the Universidade de Vigo, Spain, with a focus on the advanced practice of radiotherapy.

From Practitioner to Consultant RTT/TR

Aoife Williamson (Beatson West of Scotland Cancer Centre, UK) – **Keynote Speaker**



Aoife Williamson is a Consultant Neuro-Oncology Radiographer at the Beatson West of Scotland Cancer Centre in Glasgow.

Aoife have been working with the Neuro Oncology team at the Beatson for the last 10 years, developing skills and competencies, becoming an expert practitioner in radiotherapy planning and delivery, implementation of novel radiotherapy techniques, developing imaging protocols and patient management. Aoife has an MSc in Advance Practice in Radiotherapy and Oncology (MSc APRO) and was awarded Consultant Practitioner accreditation from the UK Society of Radiography. Aoife has a National Research Scotland (NRS) Researcher Fellowship, the hypothesis of her study is 'Radiotherapy dose/volume and MR imaging features will predict the severity of neurological toxicity in elderly GBM patients'.

RTTalks| Round Table: SAFE Radiotherapy

Chair: Filipe Moura

From Education to Patient Safety

Guilherme Couto (University of Malta, MT)



Isabel Lobato (Lisbon School of Health Technology, PT)



Mary Coffey (Trinity College Dublin, IE)



RTTalks| Round Table: SAFE Radiotherapy

Chair: Filipe Moura

Philip Poortmans (GasthuisZusters Antwerpen, BE)



Radiation oncologist at Iridium Netwerk, Antwerp, in since July 2020

Associate professor at the University of Antwerp, Belgium.

In 1991 started as a radiation oncologist in Tilburg, The Netherlands. After chairing for 2.5 years the department of radiation oncology of the Radboud umc, Nijmegen, Philip Poortmans, took the same position at Institut Curie, Paris, France, in March 2017, which I left in November 2019.

On the 150th birthdate of Marie Curie I was nominated Marie Curie Professor Paris Science & Lettres – Institut Curie.

In 2005: PhD thesis on quality assurance in clinical trials in breast cancer at the University of Maastricht.

Since 1992 active in the EORTC, currently member of the Lymphoma and Breast Groups; secretary Radiation Oncology Group (2006-2015); Quality Assurance Committee of the EORTC (2003-2015).

2005 – 2008: councillor of the board of ESTRO.

2007 – 2010: representative for radiation oncology in the Multidisciplinary Oncology Committee of ESMO.

2013-2014: President-Elect, 2014-2016 President and 2016-2018 Past-President of ESTRO.

2016 – 2017: Chair of the European Cancer Organisation (ECCO) Oncopolicy Committee.

2017: President-Elect, 2018-2019 President and 2020 Past-President of ECCO.

Honorary membership of BVRO/ABRO since 2012, of ESSO since 2014, of SEOR since 2015, of AROI from 2016, of BIGOSA from 2016 and of JASTRO from 2017 on. 2011 and 2012 nominated as "Toparts" (Outstanding doctor) by the Dutch radiation oncologists. In 2016, I gave the Cridlan lecture during the meeting of the Association of Breast Surgery in Manchester, UK. I received the Jens Overgaard Award from ESTRO in 2019 and the Klaas Breur Award from ESTRO in 2020. On 17 March 2021, I received the St.Gallen Breast Cancer Award.

Ricardo Khine (Buckinghamshire New University, UK)



Ricardo has over 21 years' experience as a Therapeutic Radiographer, with over ten years in academia and senior management / leadership. He has mainly worked in the United Kingdom, but has international experience and certification from the United States and Australia. He currently holds the position of Associate Professor in Health Care Education / Associate Head of School within the School of Health Care and Social Work at Buckinghamshire New University, UK. He continues to be involved in teaching radiotherapy and holds a Honorary Senior Lecturer in Radiotherapy & Oncology at City, University of London, UK.

Ricardo is actively involved in promoting Therapeutic Radiography by representing the profession in activities for SCoR, EFRS, IAEA/ESTRO and HEE. His research interests are in advanced practice, consultant practice and practice education. He studied for his PhD [Radiography] at City, University of London, where he evaluated the perceived impact of the consultant therapeutic radiographer role in clinical practice. He is also a Senior Fellow of the Higher Education Academy and a Member of the Academy of Medical Educators.