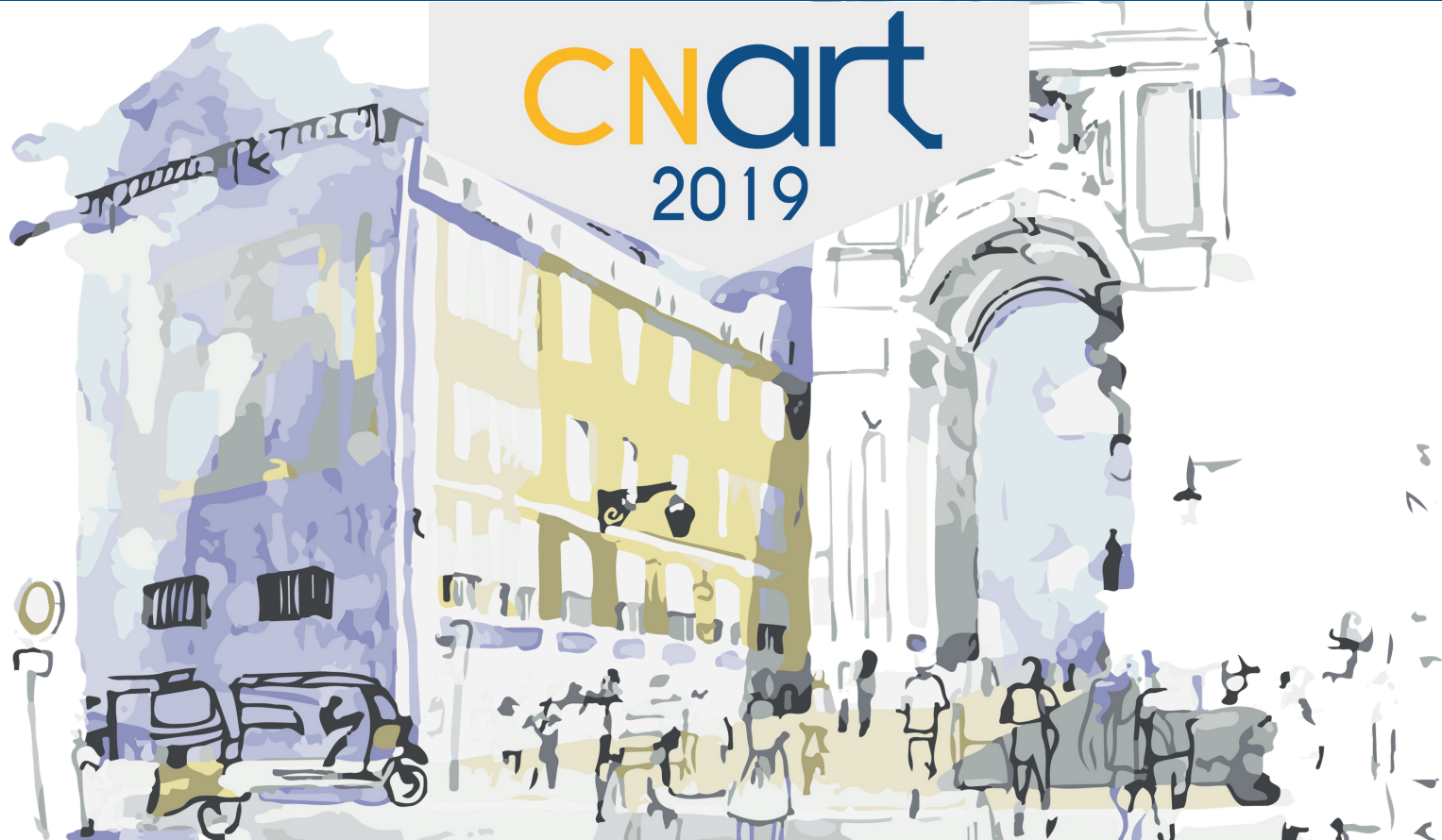


CNart 2019



SAFE Europe
Safe And Free Exchange of
EU Radiography Professionals
across Europe

Co-funded by the
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WELCOME TO CNART2019

Filipe Cidade Moura, ART | CNART2019 President

João Marques, Organizing Committee President

The Portuguese Association of Radiation Therapists (ART) has the honour to invite professionals and students, institutions, associations and companies to participate in the Congresso Nacional ART 2019 (CNART2019), which will be held in the city of Lisbon from 8 to 11 of November. CNART2019 aims to provide all the Radiation Therapists, members and non-members, as well as other professionals from the multidisciplinary team who work in the field of Radiation Oncology, a scientific programme of 4 days, with strong technological and scientific components, integrated on a national development strategy for science, research, continuous professional development and advanced practice in Radiotherapy. It is our aim at this CNART, as on previous editions, to be a platform for reflexion and unique knowledge sharing about the recent main topics in Radiotherapy, with significant improvements in scientific and conceptual models on clinical, technical and human domains. An urgent transformation of the scientific and professional paradigm in the context of national Radiation Oncology is necessary. The Organizing Committee would like to thank and compliment all of those who show interest in attending CNART2019, which is already considered the most important national event in Radiation Oncology.

Thank you for your commitment.

For the recognition and professional excellence!

PROGRAM

8th November

Advanced Course
Innovation and
Development in SBRT:
From Theory to Clinical
Practice

9th and 10th November

General Conference

11th November

National Convention of
Particle Therapy
(NCPT)



THE ADVANCED COURSE ON INNOVATION AND DEVELOPMENT IN SBRT INTENDS TO EXPLORE NEW MODALITIES AND STRATEGIES FOR SIMULATION, PLANNING AND TREATMENT VERIFICATION, ALONG WITH THE DEVELOPMENT OF SKILLS AND COMPETENCES SUPPORTED BY A SPECIALIZED CONCEPTUAL BASIS, RECOMMENDATIONS AND BEST PRACTICES IN RADIATION ONCOLOGY. THE AIM OF THIS COURSE IS INTEGRATED IN AN ADVANCED PRACTICE QUALIFICATION FRAMEWORK FOR RADIATION THERAPISTS, TAKING INTO PERSPECTIVE THE TECHNICAL AND TECHNOLOGICAL INNOVATIONS, STIMULATED BY THE EXCHANGE OF KNOWLEDGE AND SHARING OF EXPERIENCES BETWEEN RADIATION THERAPISTS AND OTHER PROFESSIONALS FROM THE RADIATION ONCOLOGY COMMUNITY.

8TH NOVEMBER ADVANCED COURSE INNOVATION AND DEVELOPMENT IN SBRT: FROM THEORY TO CLINICAL PRACTICE

Directors

Joana Barbosa

Jorge Faria

Yatman Tsang

8:30 Introduction

Joana Barbosa, Jorge Faria, Yatman Tsang

SBRT overview

9:00 Extreme Hypofractionation in Radiotherapy: facts and myths | PT

Nuno Pimentel, Fundação Champalimaud, PT

9:45 RTT advanced practice – SBRT treatment and beyond | EN

Yatman Tsang, Mount Vernon Cancer Center, UK

Precision throughout the workflow

11:30 4D Motion control for DIBH, EBH, gated RT | PT

Luis Cunha, IPO-FG Porto, PT

12:00 Image acquisition and online optimization | PT

João Marques, Fundação Champalimaud, PT

12:30 Margins and Uncertainties – from 3D to 4D

to be confirmed

Treatment planning and quality assurance

14:30 Reoptimization and quality assurance for MRLinac based SBRT | EN

Miguel Palácios, Amsterdam UMC, NL

15:00 Advanced Treatment Planning for on moving targets

Jorge Faria, CHBM - HNSR, PT

15:30 SBRT dose quality: Are we precise enough in our accuracy?

to be confirmed

Treatment delivery and verification

16:15 SBRT Treatment Protocols: from positioning to verification and decision making | PT

Sandra Afonso, IPO-FG Porto, PT

16:45 4D-CBCT and optical surface detection for SBRT motion control | PT

Filipe Moura, CUF Descobertas, PT

17:15 Realtime 4D accuracy: future directions and outcomes | EN

Omar Bohoudi, Amsterdam UMC, NL



9TH NOVEMBER GENERAL CONFERENCE DAY 1

8:30 Opening session

João Marques, Marco Caetano

Table of Honour

Filipe Moura, Presidente ART/CNART2019

Guilherme Couto, ERAMUS+, SAFEEUROPE

Lurdes Trigo, SPRO

Yolande Lievens, ESTRO HERO

HERO - *Human and Economics in Radiation Oncology*

9:20 HERO Project – Impact and outcomes | EN

Yolande Lievens, ESTRO

9:50 From resources to needs in Radiotherapy | PT

Lurdes Trigo, SPRO

10:20 HERO platform: EUROPALIA vs PORTUGAL ! PT

Filipe Moura, ART

Advanced practice I

11:35 Implementation of DIBH for left side breast cancer IMRT using surface guided technique | PT

Nicolle Gomes, Fundação Champalimaud, PT

12:10 Protontherapy treatment planning and quality assurance ! PT

Cátia Barreira, WPE Essen, DE

12:35 The evolution of RTT advanced/consultant practice | EN

Yatman Tsang, Mount Vernon Cancer Centre, UK

ERASMUS+ SAFEEUROPE

14:30 Project management, implementation and Quality Assurance | EN

Sonya McFadden, Ulster University, UK

14:55 Competencies of the radiation therapist at the linear accelerator | PT

Guilherme Couto, University of Malta, MT

15:20 Digital skills for radiation therapists | PT

Dina Gonçalves, Escola Superior de Saúde – IPP, PT

RTTalks

16:00 Advanced practices in radiotherapy: The professional paradigm shift

Ana Rita Simões, Mount Vernon Cancer Centre, UK

Cátia Barreira, WPE Essen, DE

Guilherme Couto, University of Malta, MT

Filipe Moura, CUF Descobertas, PT

Philip Scherer, SALK, AT

Yatman Tsang, Mount Vernon Cancer Centre, UK

17:30 ART General Assembly

ORGANIZING COMMITTEE

JOÃO MARQUES (PRESIDENT)

ALCINA AIRES

ANA ANTÃO

ANA CALHELHAS

ANA FURTADO

ARIANA ROCHA

ÁUREA LOPES

BÁRBARA BARBOSA

DANIELA PEREIRA

DANIELA RIBEIRO

DIANA BABO

DINA HENRIQUES

FILIPPE MOURA

GLÓRIA NETO

ISABEL LOBATO

JOANA BARBOSA

LEVINA SÁ

MARCO CAETANO

PAULO FERNANDES

SUSANA GONÇALVES



10TH NOVEMBER GENERAL CONFERENCE DAY 2

Clinical trials

9:30 Clinical trials quality assurance | PT

Ana Rita Simões, Mount Vernon Cancer Centre, UK

10:00 International breast trials | EN

Philip Poortmans, Institut Curie, FR

10:30 Canadian clinical trials | EN

to be confirmed

11:45 ESTRO RTT Alliance: The need for a new approach | PT

Filipe Moura, CUF Descobertas, PT

12:00 Preferred papers: Research and development in Radiotherapy

Advanced practice II

14:45 Monte Carlo assessment of out-of-field doses in radiotherapy treatment of paediatric patients | PT

Ana Cravo Sá, Instituto Superior Técnico, PT

15:10 Bladder Scan: Improving pelvic treatment accuracy | EN

Helder Campos, Esneft, UK

15:35 Training and initial impressions of an auto-segmentation tool for RT planning: a department experience | PT

Filipe Pires, Fundação Champalimaud, PT

16:00 Recommendations for advanced practice in Europe: ESTRO EQF 7 & 8 for Radiation Therapists | EN

Philip Scherer (SALK, AT)

SBRT in the curative and oligometastatic approach

16:45 The role of SBRT in the management of oligometastatic disease: rationale and evidence | EN

Hannah Tharmalingam, Mount Vernon Cancer Centre, UK

17:10 Prostate cancer SBRT: From conventional to extreme hypofractionation | EN

Carlo Greco, Fundação Champalimaud, PT

17:35 SBRT na abordagem multidisciplinar do cancro do pulmão | PT

Catarina Travancinha, IPO-FG Lisboa, PT

18:00 Awards ceremony

18:30 Final remarks and conclusion

SCIENTIFIC COMMITTEE

MARCO CAETANO (PRESIDENT)

ANA CRAVO SÁ

ANA FURTADO

BÁRBARA BARBOSA

DINA HENRIQUES

FILIFE MOURA

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PAULO FERNANDES

SUSANA GONÇALVES

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COLLEEN DICKIE (CA)

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JOÃO SECO (DE)

MARCO SCHWARZ (IT)

OMAR BOHOUDI (NL)

PHILIP SCHERER (AT)

SARA ROSAS (CH)

YATMAN TSANG (UK)



11TH NOVEMBER

NATIONAL CONVENTION OF PARTICLE THERAPY (NCPT)

9:00 Opening session

Filipe Moura

Marco Schwarz

João Seco

European Particle Therapy Network (EPTN)

9:30 Overview of EPTN | EN

Cai Grau, Aarhus University, DK

10:00 Education and training | EN

Marco Schwarz, Trento ASL, IT

10:30 Towards clinical trials | EN

Karin Haustermans, KU Leuven, BE

Implementation of a protontherapy facility in Portugal

11:30 Overview on human and technological resources | PT

João Seco, DKFZ Heidelberg, DE

12:00 Cost effectiveness of Particle Therapy in SNS (NHS)

to be confirmed

12:30 Treatment planning and workflow: the challenges of proton therapy | PT

Sara Rosas, PSI, CH

Culture and cancer

14:30 The impact of new technologies on transdisciplinary approach for oncological treatments

to be confirmed

From population to Particle Therapy: Needs and Threats

15:00 Clinical rationale and evidence for application of particle therapy: research and development | EN

Philip Poortmans, Institut Curie, FR

15:30 National programme for oncological diseases | PT

to be confirmed

16:00 From regional to national cancer registry: portuguese facts and numbers | PT

to be confirmed

16:30 Controversies of protontherapy | PT

Cátia Barreira (WPE Essen, DE)

Round table

17:00 Protontherapy in Portugal

Cai Grau, DK

Cátia Barreira, DE

João Seco, DE

Karin Hausterman, BE

Marco Schwarz (IT)

Philip Poortmans (FR)

Sara Rosas (CH)

to be confirmed (PT)

CHAIR

FILIPPE MOURA

CO-CHAIRS

MARCO SCHWARZ

JOÃO SECO



VENUE

VIP EXECUTIVE ENTRECAMPOS HOTEL & CONFERENCE

Avenida 5 de Outubro, 295

Lisboa

Check www.art-radioterapia.pt/cnart2019 for

Program updates
Abstract submission
Registration

For any other issue, please contact us:

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Associates socios@art-radioterapia.pt

General geral@art-radioterapia.pt

SEE YOU SOON!



Co-funded by the
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