



C²TN ANNUAL WORKSHOP

11th December 2024 – 9h15 – CTN Auditorium

9h15 - Opening and Welcome: António Gonçalves (President of C²TN)

Radiopharmaceutical Sciences & Health Physics Thematic Line

9h30 - Filipa Mendes (Coordinator of Thematic Line), C²TN, "TL RSHP - an update and prospects"

9h45 – Pedro Borralho, Novartis Portugal, "Reimagining Medicine with Radioligand Therapies"

10h25 - Ruben Silva, C²TN, "Pyrazolyl tracers: Novel Amino acid-containing radiotracers for cancer theranostic"

10h40 - Diogo Madaleno, C²TN, "Streamlining the determination of diagnostic reference levels per clinical indication for computed tomography"

10h55 - Beatriz Monteiro, C²TN, "Study of the action of tryptophan metabolites and their metal complexes on microbiota exposed to ionizing radiation"

11h10 Coffee Break [20 min]

Earth Systems, Radioactivity & Cultural Heritage Thematic Line

11h30 - Paula Carreira (Coordinator of Thematic Line), C²TN, "TL ESRCH - an update and prospects"

11h45 – Joana Lourenço, Aveiro University, "Environmental radiobiology: importance of multiple stressor context and effects in human and non-human biota"

12h25 – Carolina Correia, C²TN, "A study on the daily commuter exposure to traffic-induced particulate matter"

12h40 – Henrique Zilhão, CQE, "Determination of trace metals in soils of an Antarctic Archipelago"

12h55 – Vasiliki Thanasi, C²TN, "¹³⁷Cs analysis by gamma spectrometry and its potential for dating Portuguese old wines"

13h10 Lunch [1h 20 min] – VIP Canteen

Advanced Materials Thematic Line

14h30 - António Pereira Gonçalves (Coordinator of Thematic Line), C²TN, "TL AM - an update and prospects"

14h45 – Narcis Avarvari, Université d'Angers, "Chirality related properties in molecular conductors".

15h25 – João Pedro Rodrigues, C²TN, CEFEMA, "Exploring Tetrathiafulvalene Derivatives: Organic Electroactive Molecules for Future Battery Technologies".

15h40 – Edgar Mendes, C²TN, iBB, CQE "Newly synthesized gold-coated nanodiamonds as potential radiosensitizers for proton therapy".

15h55 – Cristiana Rodrigues, C²TN, LIP, "Novel Flux-Growth of Al₂O₃-based Luminescent Dosimeters".

16h10 Coffee Break [20 min]

C²TN Future Trends Discussion & Closing session – 16:30 – 17:30