

THURSDAY JUNE 29

16:00 Reception

16:55 Welcome

Organizing Committee

● Moderator: *Dra. M^a Carmen Rubio Rodríguez. HM Hospitales. Madrid*

17:00 AI Concepts and Methods

Dr. Juan Manuel Corchado Rodríguez. Universidad de Salamanca

17:20 AI for oncology outcomes prediction

Dr. Amadeo Wals Zurita. H.U. Virgen Macarena, Sevilla

17:40 What do we need to participate in AI EU-funded projects?

*Dr. Alfredo Cesario. Hospital Gemelli, Roma
(Intervention by videoconference)*

18:00 Discussion

18:15 Coffee

● Moderator: *Dr. Javier Serrano Andreu. Clínica Universidad de Navarra, Madrid*

18:45 AI based autocontouring and dose prescription

Dr. Juan Antonio Vera Sánchez. Hospital QuirónSalud, Madrid

19:05 AI for adaptive radiotherapy: the Ethos solution

Sra. Naiara Fuentemilla Urío. H.U. Navarra, Pamplona

19:25 Potential challenges for AI along the RT workflow

Dr. Davide Cusumano. Hospital Gemelli, Roma

19:45 Discussion

21:00 Dinner

Registration:

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or scan code



ARTIFICIAL INTELLIGENCE IN RADIATION ONCOLOGY

SALAMANCA 2023

VENUE: EUROSTARS LAS CLARAS HOTEL



● ORGANIZING AND SCIENTIFIC COMMITTEE

Luis A. Pérez - Romasanta. Oncólogo RT. H.U. Salamanca

Amadeo Wals Zurita. Oncólogo RT. H.U. Virgen Macarena (Sevilla)

Jaime Martí Asenjo. Radiofísico. HM Hospitales (Madrid)

Organisers:



Endorsed by:



SOCIEDAD ESPAÑOLA DE FÍSICA MÉDICA



Technical Sec.:



FRIDAY JUNE 30

- Moderator: Dr. Damián Guirado Llorente. Universidad de Granada
- **8:30 AI solutions for radiotherapy (I)**
 - **8:30-8:40 Accelerating Radiation Therapy Planning with Autocontur: An AI Tool for Contours Generation**
Dr. Sebastián Sánchez Góez. Aplicaciones Tecnológicas.
 - **8:40-9:00 Data driven indication specific treatment planning for radiotherapy and radiosurgery**
Dr. Cornelis Kamerling. BrainLab.
 - **9:10-9:20 AI autocontouring is a reality: MVISION.**
Dr. Nestor Chinillach Ferrando, PhD. DTA.
 - **9:20-9:35 AI for earlier diagnostics, treatment planning and delivery acceleration.**
Mrs. Laura Benítez, Healthcare Innovation Strategist, Microsoft.
- **9:35 Automated treatment planning solutions**
Mr. Mohammad Hussein. National Physical Laboratory (UK)
- **9:55 Discussion**
- **10:00 Oral communications: AI for RT - experiences (I)**
Dr. David Miguel Pérez. Valladolid University Clinical Hospital
- **10:30 AI solutions for radiotherapy (II)**
 - **10:30-10:45 AI in clinical practice - challenges - needs - future vision**
Mr. Florian Cremelie. Clinical Implementation Specialist at MIM Software
 - **10:45-10:55 AI solution embedded in CT Aquilion LB Exceed (AICE)**
Mr. Israel López Velázquez. Business manager CT en Canon Medical Systems Europe

11:00 Coffee

- Moderator: Dr. Jaime Martí Asenjo. HM Hospitales, Madrid
- **11:25 Radiotherapy and Artificial Intelligence**
Prof. Vincent Grégoire. Léon Bérard Cancer Center, Lyon, France
- **11:45 AI clinical impact in oncologic imaging: An engineer perspective**
Dr. Pedro M. Martínez Gironés. La Fe University and Polytechnic Hospital
- **12:00 AI clinical impact in oncologic imaging : A radiologist perspective**
Dr. Luis Gorospe Sarasua. Ramon y Cajal University Hospital
- **12:15 Discussion**
- **12:30 Oral communications: AI for RT - experiences (II)**
- **13:20 Optimization of treatment strategies: AI or mathematical models?**
Dr. Gabriel Fernández Calvo. Universidad de Castilla-La Mancha, Ciudad Real
- **13:40 Discussion**
- **13:50 Wrap-up and conclusions**
Dr. Luis A. Pérez-Romasanta. H. U. Salamanca, Salamanca

Sponsorship:

