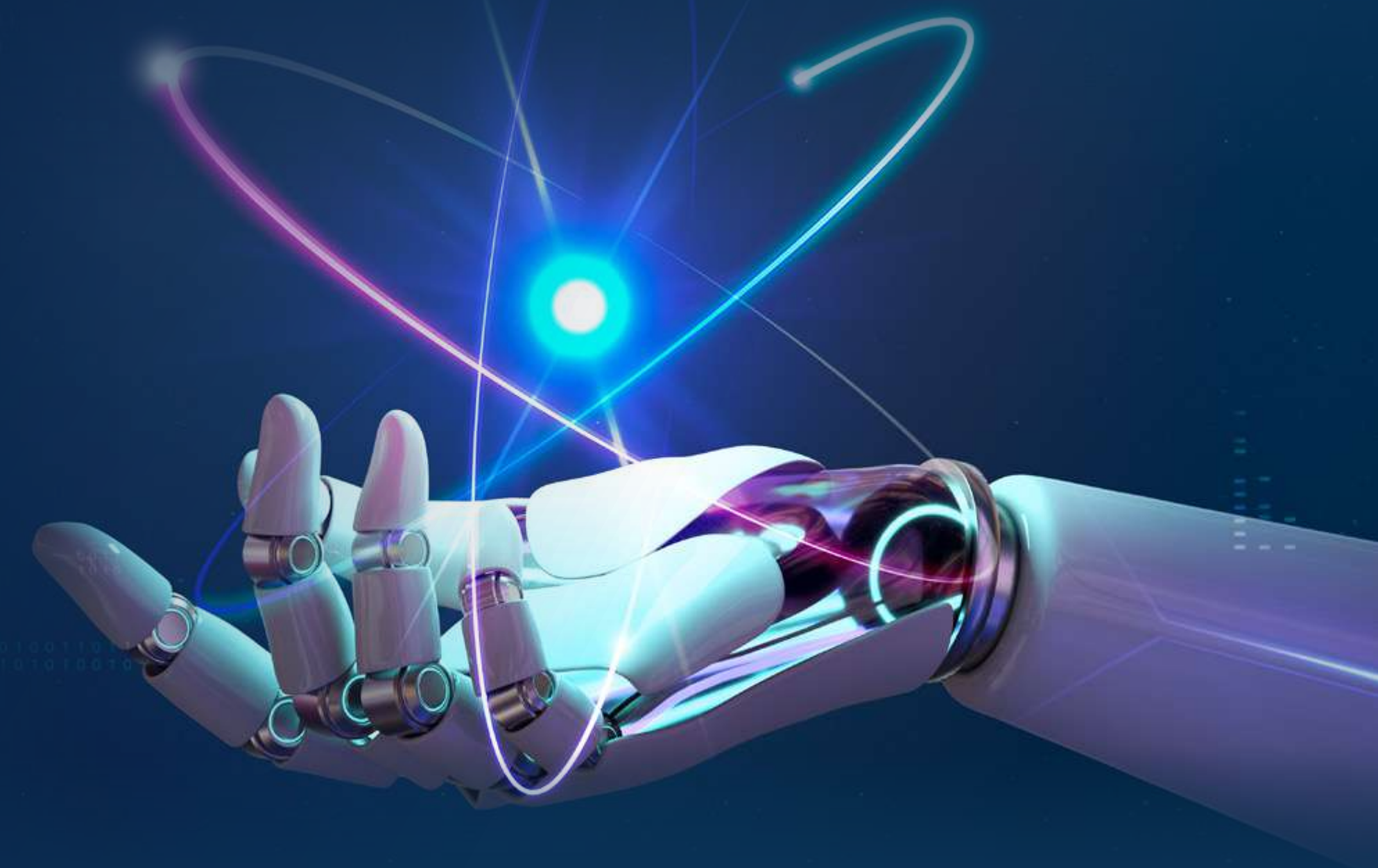


ARTIFICIAL INTELLIGENCE IN RADIATION ONCOLOGY

THURSDAY JUNE 29

SALAMANCA 2023

VENUE: EUROSTARS LAS CLARAS HOTEL



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 Potential challenges for AI along the RT workflow

Prof. Vincenzo Valentini. 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 What do we need to participate in AI EU-funded projects?

Prof. Vincenzo Valentini. Hospital Gemelli, Roma

Intervention by videoconference)

19:45 Discussion

21:00 Dinner

Organisers:



Endorsed by:



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 Dr. Cornelis Kamerling. BrainLab.
 - 9:00-9:10 Mr. Eduardo Fuentes. RaySearch.
 - 9:10-9:20 Ms. Pilar Cuenca. MVision.
- 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)
- 10:30 AI solutions for radiotherapy (II)
Mr. Miguel Rodríguez Checa. Varian
Mr. Felipe Martin del Rosario. Euroautomation - MIM

11:00 Coffee

Sponsorship:

 BRAINLAB

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División Médica

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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)

Registration:
eventos.emiral.es/



- Moderator: Dr. Jaime Martí Asenjo. HM Hospitales, Madrid
- 11:25 Radiotherapy and Artificial Intelligence
Prof. Vincent Grégoire. Léon Bérard Cancer Center, Lyon, France
(Intervention by videoconference)
- 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