

ESTRO 2020

28 Nov - 1 Dec 2020
ONLINE CONGRESS

PROGRAMME OVERVIEW

**Translating research
and partnership into
optimal health**

#ESTRO2020
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ESTRO2020

Welcome

Honoring the Past, Embracing the Future!

“I am extremely proud of what our society has achieved over the last 40 years and to welcome you to ESTRO 2020. It’s here that the global radiation oncology community comes together to discuss the challenges we face, the opportunities we see and to create the bridges which allow us to move to the next level together.”



Umberto Ricardi
ESTRO President



Welcome



Follow our hashtag #ESTRO2020
and tune in for the latest updates
on the conference

Scientific Programme

Programme hours are CET

FRIDAY 27 NOVEMBER 2020

18:00	PLENARY SESSION n° P01 Opening Ceremony
18:30	

SATURDAY 28 NOVEMBER 2020

Interdisciplinary Stream 1		Radiobiology	Clinical Stream 1	Clinical Stream 2	Physics Stream 1	Physics Stream 2	RTT	Brachytherapy
TEACHING LECTURE		TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	
08:00 - 08:40	n° 305 The ultimate truth on how to get your papers published in an ESTRO journal	n° 705 Differential biological effects of photon and particle irradiation: experimental highlights and clinical impact	n° 105 Fractionation in prostate cancer radiotherapy	n° 205 Which organs should be spared to achieve optimal dose distribution in thoracic tumours?	n° 505 Do's and don'ts in automated treatment planning - optimising conditions and expectations	n° 605 IAEA guide on Radiation Protection and Safety in Medical Uses of Ionising Radiation	n° 805 The evolution of RTT leadership in radiation oncology	
SYMPOSIUM		SYMPOSIUM	DEBATE	DEBATE	SYMPOSIUM	JOINT SYMPOSIUM	SYMPOSIUM	
08:45 - 10:00	n° 310 Management of complex skin targets-what is the optimal radiation technique?	n° 710 Cutting-edge genomics in radiation oncology	n° 110 This house believes that Elective nodal radiotherapy should be performed for high risk prostate cancer	n° 210 This house believes that upfront radiotherapy is mandatory in patients with brain mets, even in the era of immunotherapy	n° 510 Where automation can or cannot help the medical physicist	n° 610 ESTRO-AAPM The future of Medical Physics in Radiation Oncology	n° 810 RTT Leadership in radiation oncology	
10:00 - 10:30: COFFEE BREAK								
PROFFERED PAPERS		PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	
10:30 - 11:30	n° 315 HSR - HERO	n° 715 Interactions between radiation and the immune response	n° 115 Sarcoma	n° 215 CNS	n° 515 Analysis for toxicity and outcome	n° 615 Novel treatment planning strategies	n° 815 Evaluating and predicting toxicity in RT	
PRESIDENTIAL SYMPOSIUM								
11:40 - 12:40	n° 320 Translating research and partnership into optimal health - <i>U. Ricardi (IT)</i>							
12:45 - 14:15: LUNCH AND INDUSTRY SYMPOSIA								
		SYMPOSIUM	SYMPOSIUM	DEBATE	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	PROFFERED PAPERS
14:15 - 15:30		n° 720 Hypoxia-activated prodrugs: is there a future?	n° 120 Multimodal approaches in oligometastatic prostate disease: state-of-the-art	n° 220 This house believes that hippocampus avoiding whole brain irradiation is the current standard of care	n° 320 Surface guided radiation therapy	n° 620 "Big data" approaches to quality improvement	n° 820 Radiotherapy: it's all about the heart	14:15-15:15 n° 005 Brachytherapy: Prostate outcome and dosimetry
15:30 - 16:30: COFFEE BREAK								
AWARD LECTURE								
16:00 - 16:20	n° P02 E. van der Schueren Award What's in a name? - <i>M. Leech (IE)</i>							
AWARD LECTURE								
16:20 - 16:40	n° P03 Jens Overgaard Legacy Award From technical and conceptual innovation to physics and clinical evidence - the evolution of image guided radiotherapy in cervical cancer - <i>R. Pötter (AT)</i>							
PROFFERED PAPERS		PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS		PROFFERED PAPERS
16:45 - 17:45	n° 330 Cardiac toxicity	n° 725 Radiation effects on stem cells and the microenvironment	n° 125 Prostate	n° 225 Lung	n° 525 Dose calculation for advanced techniques	n° 625 Artificial intelligence and automation		n° 010 Brachytherapy: Imaging and dosimetry
POSTER AWARDS CEREMONY								
18:00 - 19:00	n° P04							

SUNDAY 29 NOVEMBER 2020

	Interdisciplinary Stream 1	Radiobiology	Clinical Stream 1	Clinical Stream 2	Physics Stream 1	Physics Stream 2	RTT	Brachytherapy
	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	
08:00 - 08:40	n° 335 How can Artificial Intelligence improve contouring?	n° 730 How does radiotherapy change the tumor ecosystem	n° 130 Oligometastatic cancer scenarios: from biology to treatments	n° 230 Bladder conservation strategies	n° 530 Radiosurgery: potential and pitfalls	n° 630 Dose calculation in external beam radiotherapy: The radiation transport equation and dose-to-water vs. dose-to-medium issues	n° 825 Patient empowerment in radiotherapy	
	JOINT SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	
08:45 - 10:00	n° 340 ESTRO-ASTRO Patient reported outcomes in radiation oncology - time to make them mandatory in clinical practice?	n° 735 Emerging links between radiation-induced anti-tumor immune effects and DNA damage repair signaling	n° 135 Multimodal approaches to oligometastatic breast disease: state-of-the-art	n° 235 The role of radiotherapy in locally advanced pancreatic cancer	n° 535 How to enhance the quality of treatment planning studies	n° 635 Application of machine learning to CTV definition	n° 830 Patient involvement in radiation oncology	
10:00 - 10:30: COFFEE BREAK								
	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS
10:30 - 11:30	n° 345 QoL / PROMS	n° 740 Radiation response biomarkers	n° 140 Breast	n° 240 GI	n° 540 Intra-fraction motion management	n° 640 Auto-contouring using deep learning	n° 835 Ensuring precision and accuracy in RT	n° 015 Brachytherapy: Optimisation, verification & prediction
11:40 - 12:40	PROFFERED PAPERS n° P05 Clinical trials							
12:45 - 14:15: LUNCH AND INDUSTRY SYMPOSIA								
	JOINT SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	MEET-THE-EXPERT	PROFFERED PAPERS
14:15 - 15:30	n° 350 ESTRO-EORTC Redefining oligometastatic disease: incorporating advanced imaging into clinical trials	n° 745 Use of 3-dimensional organoid models in radiation research	n° 145 Controversies in locally advanced breast cancer	n° 245 Second malignancy after modern radiotherapy: more or less than historical precedents	n° 545 Radiobiological guidance for treatment planning	n° 645 Audits for advanced radiotherapy techniques	n° 840 RTT led MR	14:15-15:15 n° 020 Brachytherapy: Optimising outcome in cervix BT
15:30 - 16:00: COFFEE BREAK								
16:00 - 16:40	PROFFERED PAPERS n° P06 Highlights							
	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS		PROFFERED PAPERS
16:45 - 17:45	n° 355 Protons	n° 750 Radiobiological resistance mechanisms	n° 150 Palliation	n° 250 Lymphoma	n° 550 Clinical implementation of online MrgRT	n° 650 New technology		n° 025 Brachytherapy: Rectum, Skin & Breast

MONDAY 30 NOVEMBER 2020

Interdisciplinary Stream 1		Clinical Stream 1	Clinical Stream 2	Physics Stream 1	Physics Stream 2	RTT	Young
TEACHING LECTURE		TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE
08:00 - 08:40	n° 360 Cancer metabolism: a radio-oncology perspective	n° 155 The treatment of anal cancer	n° 255 Latest updates on non-metastatic nasopharyngeal carcinoma in 2020: screening, workup, and treatment paradigms	n° 555 Validation and commissioning of AI contouring tools	n° 655 4D imaging for radiation therapy using MRI and PET	n° 845 Quantitative Digital Pathology Biomarkers of Neoadjuvant Therapy Response in Breast Cancer	n° 905 Novel Radiotherapy techniques / treatments (e.g. micro beam, FLASH, etc)
JOINT SYMPOSIUM		SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	JOINT SYMPOSIUM	SYMPOSIUM	SYMPOSIUM
08:45 - 10:00	n° 365 ESTRO-EANM Targeting the microenvironment in radiotherapy: where are we now?	n° 255 How to combine different treatment modalities in rectal cancer	n° 260 Multidisciplinary treatment of salivary gland tumors	n° 560 Target definition and dose prescription in the era of dose painting and probabilistic planning	n° 660 ESTRO-EFOMP Artificial intelligence and image quality (with focus on benefits for RT)	n° 850 Individualised radiotherapy	n° 910 Mobility grants report back
10:00 - 10:30: COFFEE BREAK							
PROFFERED PAPERS		PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	SYMPOSIUM
10:30 - 11:30	n° 370 Novel technologies	n° 165 Gynaecology	n° 265 H&N	n° 565 Protons and ions	n° 665 Quantitative imaging and radiomics	n° 855 Innovations in RTT practice and complex decision making	n° 915 Communication in professional life / how to communicate within the team
11:40 - 12:40	PROFFERED PAPERS n° P07 Late breaking abstracts						
12:45 - 14:15: LUNCH AND INDUSTRY SYMPOSIA							YOUNG LUNCH SYMPOSIUM
							n° 920 Mentoring
SYMPOSIUM		SYMPOSIUM	SYMPOSIUM	DEBATE	PROFFERED PAPERS	SYMPOSIUM	SYMPOSIUM
14:15 - 15:30	n° 375 Preventing radiation-induced toxicity in head and neck cancer patients	n° 170 Multidisciplinary treatment of hepatocellular cancer	n° 270 Novel approaches in the management of non-melanoma skin cancer	n° 570 This house believes that there is no future for adaptive radiotherapy in EBRT without an MR-linac	n° 670 Dosimetry and QA	n° 860 Challenging cancers	n° 925 How to become a department head
15:30 - 16:00: COFFEE BREAK							
16:00 - 16:20	AWARD LECTURE n° P08 K. Breur Award Lecture Eternal mammary nodes - P. Poortmans (FR)						
16:20 - 16:40	AWARD LECTURE n° P09 Donal Hollywood Award On-line MRI-based proton beam range verification: first experimental proof-of-concept - S. Schellhammer (DE)						
PROFFERED PAPERS		PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	YOUNG NETWORKING
16:45 - 17:45	n° 380 Image guided radiotherapy	n° 175 Particle therapy in CNS tumours	n° 275 Late breaking abstracts	n° 575 Managing uncertainties in proton therapy	n° 675 4D and adaptive RT	n° 865 Current status of MR guided RT	16:15-16:45

TUESDAY 1 DECEMBER 2020

	Interdisciplinary Stream 1	Interdisciplinary Stream 2	Clinical Stream 1	Clinical Stream 2	Physics Stream 1	Physics Stream 2	RTT
	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE
08:30 - 09:10	n° 385 Spatially fractionated GRID radiotherapy - rationale and promise	n° 405 Noninvasive cardiac radioablation for ventricular tachycardia	n° 180 Is it safe to treat central lung lesions with SBRT?	n° 280 Sexual rehabilitation and management of sexual problems after treatment for pelvic cancer	n° 580 Dosimetry and QA for MR-Linacs	n° 680 Overview of micro/nanodosimetry and application to particle beams	n° 870 Real time adaptive radiotherapy with MR linac
	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	JOINT DEBATE	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM
09:15 - 10:30	n° 390 The latest news on FLASH: ultra high dose rate radiotherapy	n° 410 Dose accumulation and re-irradiation for thoracic malignancies	n° 185 Multimodal approaches to oligometastatic disease: state-of-the-art in NSCLC	n° 285 ESTRO-ESGO This house believes that lymph node dissection can be omitted in FIGO stage IB1/2(<4 cm) iN1 (imaging) cervical cancer	n° 585 Quo-vadis log file based QA for adaptive radiotherapy?	n° 685 PBT planning: lessons learned	n° 875 Innovations in Radiotherapy
10:30 - 11:00: COFFEE BREAK							
	SYMPOSIUM	JOINT SYMPOSIUM	SYMPOSIUM	JOINT SYMPOSIUM	DEBATE	SYMPOSIUM	SYMPOSIUM
11:00 - 12:15	n° 395 Ultra hypofractionation for localised prostate cancer	n° 415 ESTRO-IASLC Combined radiotherapy and immunotherapy in NSCLC	n° 190 Current status of radiotherapy for non-malignant disease outside the brain	n° 290 ESTRO-ESR Online MR-guided radiotherapy - Where are we right now?	n° 590 This house believes that radiomics will improve predictive models in RT	n° 690 Tumor tracking - is it worth the effort?	n° 880 Particle Therapy - possibilities and limitations
12:30 - 13:20	DEBATE P10 This house believes that radiotherapy is a curative treatment for systemic oligometastatic disease - Closing remarks						

● INTERDISCIPLINARY SESSION

● RADIOBIOLOGY SESSION

● CLINICAL SESSION

● PHYSICS SESSION

● RTT SESSION

● BRACHYTHERAPY SESSION

● INTERDISCIPLINARY SESSION WITH RADIOBIOLOGY FOCUS

● YESTRO SESSION

 TICKETED EVENT

Exhibitors

Accuray
Aquilab S.a.s
Asco
Ashland
Beekley Medical
Boston Scientific International
Brainlab
Cablon Medical Bv
Canon Medical Systems Europe
Carl Zeiss Meditec Ag
Civco Radiotherapy
C-Rad Positioning Ab
Elekta
Iba Dosimetry
Iba Proton Therapy
Intraop Medical Corporation
Irt Systems Gmbh
Lap Gmbh Laser Applikationen
Macromedics Bv
Mevion Medical Systems
Micropos Medical Ab
Mim Software Inc
Mirada Medical
Nanovi A/S
Naslund Medical Ab (Exhibiting As Gold Anchor)
Nelco
Novocure Gmbh
Opasca Gmbh
Orfit Industries
Philips Healthcare
Pmb-Alcen
Ptw-Freiburg
Qfix
Rad Technology Medical Systems
Radformation
Raysearch Laboratories
S.i.t-Sordina Iort Technologies Spa
Scandidos Ab
Siemens Healthcare Gmbh
Standard Imaging Inc
Sun Nuclear Corporation

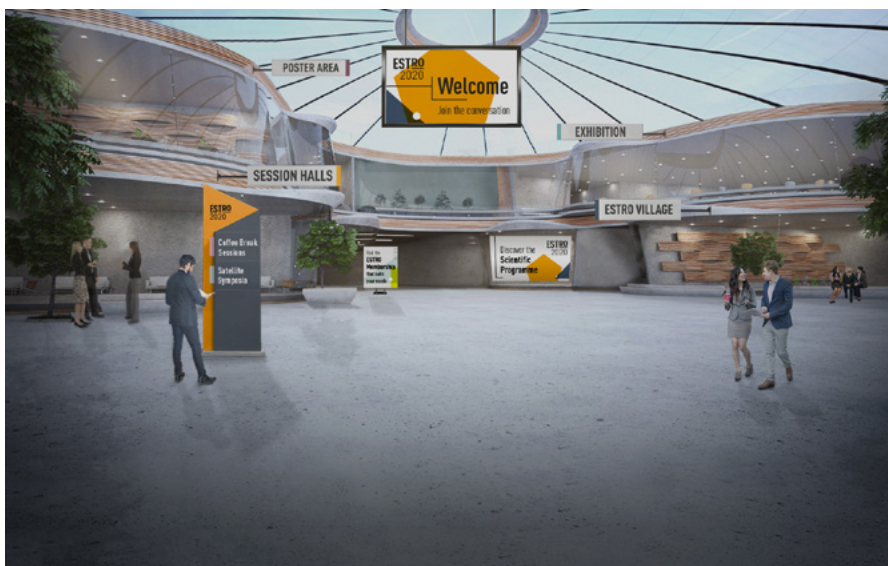
The Phantom Laboratory
Therapanacea
Toshiba Energy Systems & Solutions
Varian Medical Systems International Ag
Viewray, Inc
Vision Rt
Xoft, A Subsidiary Of Icad Inc
XStrahl

Start-ups

Accubost
Rt-Idea Eu Bv
Mvision Ai

Overview of Virtual Rooms

Lobby



Session Halls



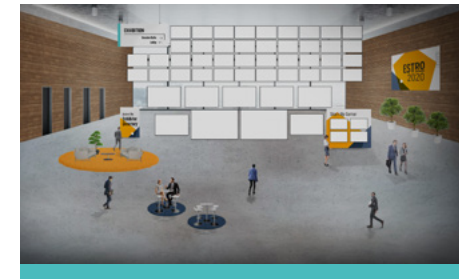
ESTRO Village



Coffee Break Sessions



Exhibition



Poster Area



Satellite Symposia



Virtual Guide - Find your Way

Login Page

All delegates have to login via the [Login page of ESTRO 2020](#) virtual platform to have access to the congress.

ESTRO 2020

ESTRO 2020 ONLINE CONGRESS
28 Nov - 1 Dec 2020
Translating research and partnership into optimal health

Click Here to Register

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System Check

It is our privilege and great pleasure to invite you to ESTRO 2020. The congress will take place, for the first time, in a fully digital setting from 28 November – 1 December 2020.

Radiotherapy is a team effort, delivered by an interdisciplinary team consisting of radiation oncologists, clinical oncologists, medical physicists, radiobiologists, radiation therapists (RTTs) and nurses. The Society wishes to engage them all in their congress, together and in discussion with other oncology specialists. Our clear preference would have been to meet you in Vienna, but due to the Covid-19 pandemic, we finally had to decide to transform the hybrid (live+digital) concept to a fully digital approach.

In line with the ESTRO vision 2030 'Radiation Oncology. Optimal Health for all, together', ESTRO 2020 will convey the theme 'Translating research and partnership into optimal health'.

Advances in technologies and methodologies of radiation oncology continue to evolve very rapidly. However, these innovations will only truly provide impact when the new findings can be translated into clinical applications that will result in optimal benefit for each individual patient in daily practice. Radiation oncology professionals should not try to achieve such optimal outcome by themselves, but in dialogue and partnership with all relevant stakeholders: other oncology specialists at national, European and international level, patient representatives and advocates, and industry partners. ESTRO 2020 aims at stimulating all stakeholders to enhance and shape radiotherapy for optimal health for each cancer patient.

The comprehensive scientific programme at ESTRO 2020 offers state-of-the-art teaching lectures, symposia, debates on hot topics, as well as a range of educational activities such as pre-meeting courses, contouring workshops, and multidisciplinary tumour boards.

The interdisciplinary component of the scientific programme, getting more space compared to the past editions, will include sessions on the following topics:

First time to the platform:
Create your profile.

Already created a profile:
Simply log in.

Screen Calibration

After you logged in to the platform, please calibrate your screen. By simply following the instructions on your screen, you can optimize your virtual experience by adjusting the screen size according to the platform.

The screenshot displays the ESTRO 2020 virtual event interface. At the top, there is a navigation bar with the ESTRO 2020 logo, a search bar, and user information. The main area shows a virtual lobby with various zones like 'POSTER AREA', 'SESSION HALLS', 'EXHIBITION', and 'ESTRO VILLAGE'. A central orange overlay titled 'Screen Calibration' provides instructions for adjusting the view. At the bottom, there is a navigation menu with icons for different event areas and a 'PROGRAMME OVERVIEW' button.

ESTRO 2020 Your Name Search this site Now attending: X This location: X ESTRO Discovery Challenge

Directory

POSTER AREA

ESTRO 2020 Welcome

SESSION HALLS

EXHIBITION

ESTRO VILLAGE

Coffee Break Sessions

Satellite Symposia

Screen Calibration

To optimize the way you view the event on your screen, adjust your browser viewing settings so that the TANGERINE ORANGE are visible on your screen.

To zoom in / zoom out:

Apple Computer + or

PC Computer + or

iPad or iPhone PINCH OPEN or PINCH CLOSED

Then click here to enter the experience.

Lobby Session Hall Poster Area Exhibition ESTRO Village Satellite Symposia Attendees Chat Briefcase

ESTRO 2020 28 Nov - 1 Dec 2020 Melbourne, Australia PROGRAMME OVERVIEW

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Lobby

The Lobby is the first room you will see when you log in to the virtual platform of ESTRO 2020. You can choose which room you would like to navigate to by clicking on the signage.



Top Toolbar:

This toolbar is visible in every room.

- Access and edit your personal settings
- Search function

Room Signs:

Access the rooms by clicking on the signage.

- Session Halls
- ESTRO Village
- Exhibition
- Poster Area

Banners:

- Scientific Programme
- ESTRO Membership

Sessions during breaks:

Access the sessions by clicking on the signage.

- Coffee Break Sessions
- Satellite Symposia

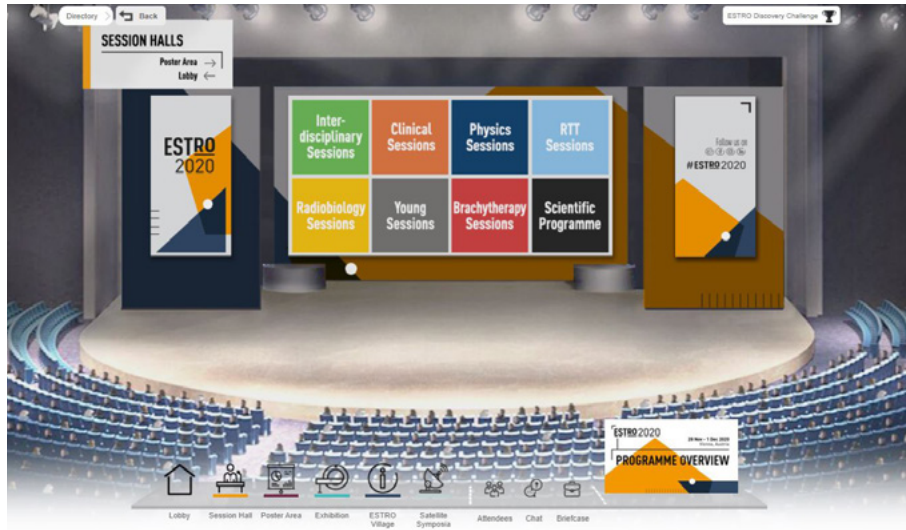
Bottom Toolbar:

This toolbar is visible in every room.

- Access rooms directly
- Access a list of all attendees
- Chat function
- Add your favourite items to your personal briefcase
- Access the Programme Overview

Session Halls

You can have access to the sessions of the ESTRO 2020 programme in this room. Each square indicates a track.



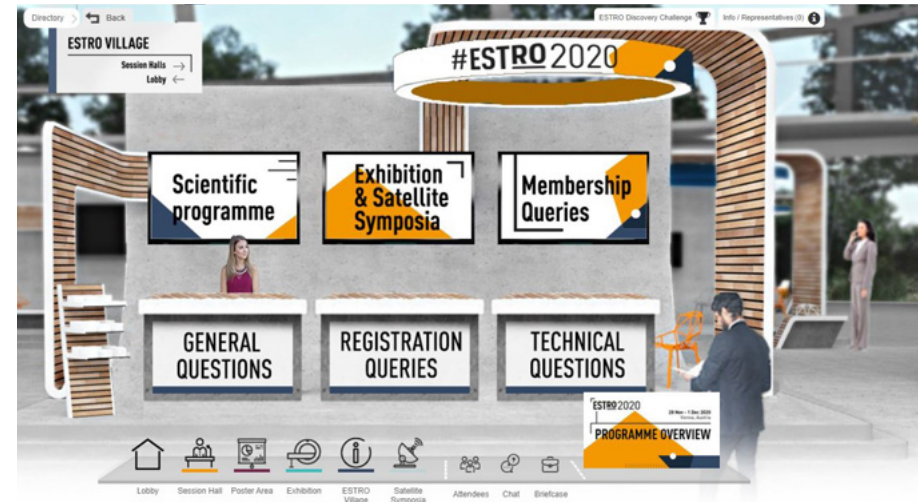
Exhibition

The virtual exhibition hall features the booths of all exhibitors, including the Start-Up Corner. The industry partners will be showcasing their products & novelties and the attendees can engage with the booth representatives here.



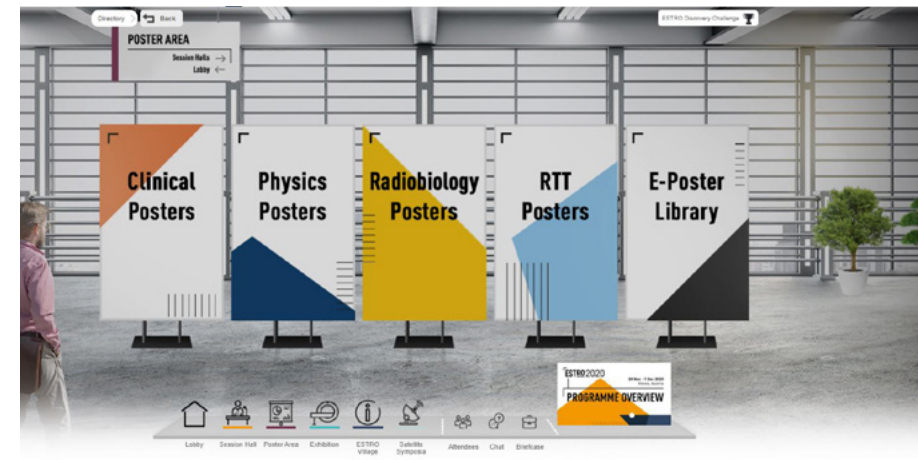
ESTRO Village

ESTRO Village is the place where you will find the ESTRO team for all your questions. We will welcome you in our ESTRO Booth.



Poster Area

In this area you can view the posters divided by topic.



Coffee Break Sessions

Short industry presentations will take place in this room during the coffee break times of the congress. (10:00-10:30- 15:30-16:00). Attendees can watch the presentations and engage with the speaker of each presenting company.

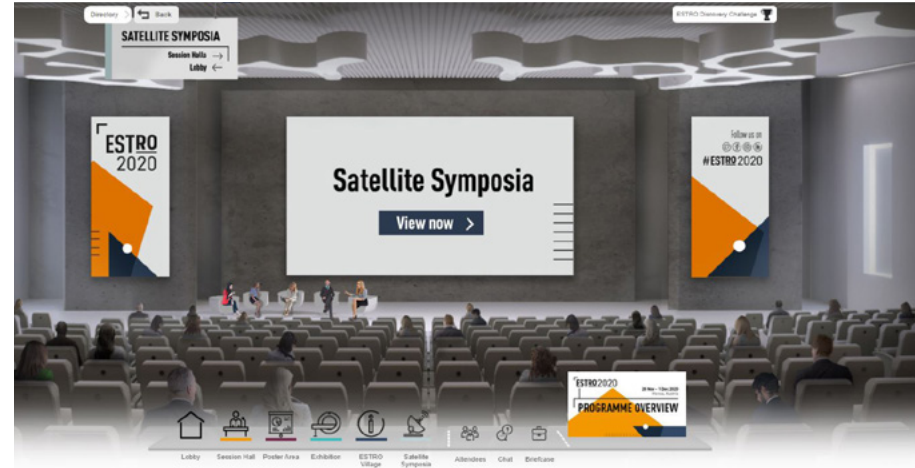


Navigate:

You can navigate back to the Lobby and 1 other room by the sign on the top left of every room.

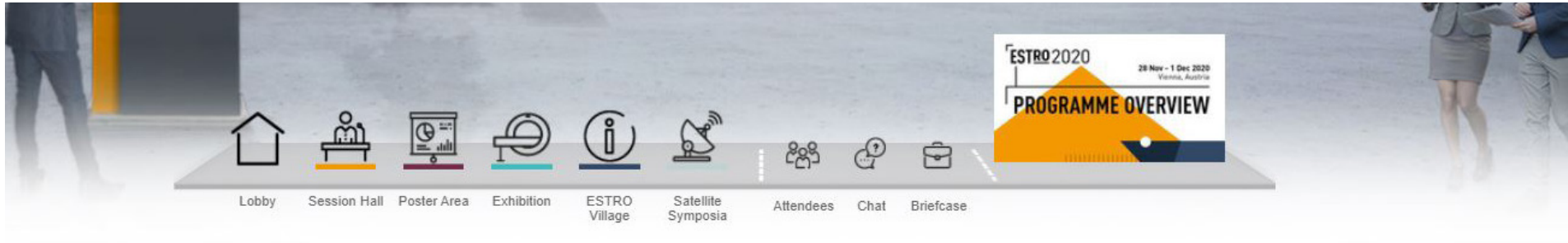
Satellite Symposia

You can watch the satellite symposium sessions of our industry partners during lunch break in this room. The sessions will take place between 13:00 CET – 14:00 CET.



Bottom Toolbar

This toolbar is visible in every room and has some nice features.



Access all **Conference Rooms** directly



Attendees: This button shows the list of people who are currently online in the environment. You can also invite people for a chat when clicking on their profile.



Chat: This button opens a chat box.



Briefcase: You can add your favourite items from the congress to your briefcase: videos, pdfs, links,... And this is how you can easily access them during the congress.



Programme Overview: Have a look at the Programme Overview via this button.

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