

EANM 2021

Scientific sessions of interest

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Tuesday, October 19 , 2021

Time (CEST)	Channels	Session	Title	Authors
14:00	1	Pre-Congress-Symposium 10: Total Body PET	PCS-080 Clinical applications of total body PET—Bern experience	A. Rominger

Wednesday, October 20 , 2021

Time (CEST)	Channels	Session	Title	Authors
9:00	on-demand	EP-11 Imaging Clinical Studies -> Oncological Imaging Clinical Study -> Lymphoma	EP-049 Association between baseline total metabolic tumor volume, interim Deauville 5-point scale and progression free survival in patients with diffuse large B-cell lymphoma	P. Kalmar, S. Hatzl, E. Schulz, T. Schwarz, P. Neumeister, C. Beham-Schmid, C. Gstettner, R. M. Aigner
9:00	on-demand	EP-34 Bone & Joint Malignant and Benign Diseases	EP-142 Normal values of skeletal ^{99m} Tc-labelled bisphosphonate uptake in SPECT/CT	P. Ritt, P. Heim, A. Grings, M. Beck, T. Kuwert
9:00	on-demand	e-Poster Presentation Session 1: The Nuclear Cardiovascular World at its Best	EPS-012 Quantification of Cardiac ^{99m} Tc-bisphosphonates (DPD) uptake using SPECT-CT images in Amyloidosis Transthyretin patients	M. Solá, G. Moragas, M. Salcedo Pujantell, J. Deportos, M. N. Torres, M. H. Olivares, S. Lafuente, V. Vallejos, M. Domingo
9:00	on-demand	e-Poster Presentation Session 1: The Nuclear Cardiovascular World at its Best	EPS-015 ^{99m} Tc-2,3-dicarboxypropane-1,1-diphosphonate (^{99m} Tc-DPD)-SPECT/CT in patients with low mediastinal uptake in the assessment of Transthyretin Cardiac Amyloidosis: An Italian single center experience	N. Fraccascia, R. Bonfiglioli, E. Tabacchi, G. Argalia, L. Vetrone, C. Malizia, S. Fanti
9:00	on-demand	e-Poster Presentation Session 6: Molecular Brain Imaging	EPS-081 Model based data driven attenuation correction for brain imaging with high resolution multifocal collimator	X. Ding, F. Massanes, G. Platsch, M. Reymann, H. Vija
9:00	on-demand	e-Poster Presentation Session 12: Head Neck/Breast/Lung	EPS-186 Dynamic whole-body ¹⁸ F-FDG PET/CT in patients with unclear lung tumors—evaluation of multiparametric dynamic imaging in a clinical setting	M. Weissinger, M. Atmanspacher, H. Dittmann, S. Gatidis, L. Zender, C. la Fougère
9:00	on-demand	e-Poster Presentation Session 13: Image Acquisition/Reconstruction/Processing 1	EPS-191 Determination of partial-volume effect in patient-individual kidney phantoms for ^{99m} Tc SPECT/CT	A. Grings, T. Kuwert, P. Ritt

Wednesday, October 20, 2021 (continued)

Time (CEST)	Channels	Session	Title	Authors
9:00	on-demand	e-Poster Presentation Session 13: Image Acquisition/Reconstruction/Processing 1	EPS-192 Patient-specific phantoms for ^{99m} Tc Brain perfusion imaging with SPECT/CT	A. Grings, M. Reymann, A. H. Vija, T. Kuwert, P. Ritt
9:00	on-demand	e-Poster Presentation Session 13: Image Acquisition/Reconstruction/Processing 1	EPS-207 Putamen-to-caudate (P/C) ratio is a parameter not affected of different methods of Dopamine transporter (DAT) brain SPECT quantification	J. Koutsikos, S. Giourgouli, V. Pantzou, M. Stathopoulou, T. Petropoulos
9:00	on-demand	e-Poster Presentation Session 15: AI and Radiomics	EPS-231 Understanding omics data of lung cancer patients: Correlations between metabolomics and radiomics	L. Mesotten, L. Deckers, R. Truyens, E. Derveaux, P. Adriaensens, M. Thomeer, R. Boellaard
9:00	on-demand	Clinical Oncology Track - TROP Session: Head and Neck/Colorectal	OP-0058 Molecular imaging parameters with ¹⁸ F-FDG PET/CT comparison with MRI in the evaluation of recurrence of nasopharyngeal cancer a Mexican population	S. Medina-Ornelas, K. Luna-Ortiz, J. Lopez-Gomez, J. Altamirano-Garcia, J. Alegria-Baños, O. Martinez-Juarez
9:00	on-demand	Clinical Oncology Track - TROP Session: Head and Neck/Colorectal	OP-0060 Comparison of ⁶⁸ Ga-FAPI-04 and ¹⁸ F-FDG PET/CT for the diagnosis of lesions in patients with colorectal cancer	X. Lin, H. Zhu, W. Zhao, Y. Zhang, A. Wu, Z. Yang, X. Wang
9:00	on-demand	Clinical Oncology Track - TROP Session: Head and Neck/Colorectal	OP-0061 Combined ¹⁸ F-FDG PET/CT-based metabolically active tumor volume and dissemination parameter improve outcome prediction in metastatic colorectal cancer	E. Woff, G. Critchi, T. Guiot, L. Ameye, A. Hendlisz, P. Flamen
9:00	on-demand	Featured Session: Quantification in MPI - A Must!	OP-0075 Prone myocardial perfusion SPECT imaging in attenuation artefacts may obviate the need for a rest study: Our experience	C. Fragkaki, A. T. Archontaki
9:00	on-demand	Joint Symposium 3 (EANM/ EACVI): MPI after the ISCHEMIA Trial - Still Alive?	OP-0094 Role of functional imaging after the ISCHEMIA trial	A. Saraste
9:00	on-demand	Joint Symposium 4 (EANM/CIRSE): Biokinetics and Dosimetry in Intraarterial Therapy	OP-0097 Radio-Embolization and HCC—Where are we in the guidelines and why?	A. Denys
9:00	on-demand	Pitfalls & Artefacts 2: Pseudoprogression and Pseudoresponse in Brain Tumours	OP-0104 Nuclear Medicine Physician—...And what about PET?	I. Law
9:00	on-demand	Cutting Edge Science Track - TROP Session: Dosimetry Methods	OP-0116 Evaluation of a new dual-energy quantitative computed tomography (DEQCT) method against 2-point Dixon MRI to quantify the yellow marrow and red marrow volume fraction for bone marrow dosimetry in molecular radiotherapy	M. Salas Ramirez, J. Tran-Gia, P. Hartrampf, A. Heidemeier, M. Lassmann

Wednesday, October 20, 2021 (continued)

Time (CEST)	Channels	Session	Title	Authors
9:00	on-demand	Cutting Edge Science Track - TROP Session: Dosimetry Methods	OP-0118 Manual versus artificial intelligence-based segmentations as a pre-processing step in whole-body dosimetry calculations	J. van Sluis, W. Noordzij, E. G. De Vries, I. C. Kok, D. A. De Groot, Jalving, M. N. Lub-de Hooge, A. H. Brouwers, R. Boellaard
9:00	on-demand	Cutting Edge Science Track - TROP Session: Dosimetry Methods	OP-0120 Investigation of the effect of small but frequently occurring patient movements onto 3D activity quantitation in Siemens xSPECT Quant reconstruction with integrated motion correction	A. Gosewisch, M. Reymann, H. Ilhan, L. Beyer, G. Platsch, P. Bartenstein, A. H. Vija, G. Böning
9:00	on-demand	Cutting Edge Science Track - TROP Session: Dosimetry Methods	OP-0122 The feasibility of dose estimation to thyroid remnants and salivary glands and avid following therapeutic ¹³¹ I administration	M. Abuqbeidah
9:00	on-demand	Clinical Oncology Track - TROP Session: Breast	OP-0124 First results of simultaneous FAPI-PET/MRI targeting the fibroblast activation protein in primary breast cancer	P. Backhaus, M. C. Burg, W. Roll, F. Büther, H. Breyholz, S. B. Weigel, W. Heindel, M. Pixberg, P. J. Barth, J. Tio, M. Schäfers
9:00	on-demand	Clinical Oncology Track - TROP Session: Breas	OP-0124 First results of simultaneous FAPI-PET/MRI targeting the fibroblast activation protein in primary breast cancer	P. Backhaus, M. C. Burg, W. Roll, F. Büther, H. Breyholz, S. B. Weigel, W. Heindel, M. Pixberg, P. J. Barth, J. Tio, M. Schäfers
9:00	on-demand	Clinical Oncology Track - TROP Session: Breast	OP-0126 Comparison ⁶⁸ Ga-FAPI-46 PET/CT and ¹⁸ F-FDG PET/CT in breast carcinoma staging: Preliminary results of randomised prospective clinical trial from Azerbaijan	F. Novruzov, E. Mehdi, N. Orucova, Q. Abdullayev, N. Talibova, M. Moore, F. Valla, S. Rahimzade, J. Aliyev
9:00	on-demand	Clinical Oncology Track - TROP Session: Breas	OP-0133 FDG-PET/CT versus CE-CT for response monitoring in metastatic breast cancer—a prospective comparative study	M. Vogsen, F. Harbo, N. Jakobsen, H. Nissen, S. E. Dahlsgaard-Wallenius, O. Gerke, J. Jensen, J. Asmussen, A. Jylling, P. Braad, W. Vach, M. Ewertz, M. Hildebrandt
9:00	on-demand	Featured Session: Show me your Heart!	OP-0138 Volumetric evaluation of ^{99m} Tc-pyrophosphate SPECT/CT in patients with transthyretin cardiac amyloidosis: correlation with cardiac functional parameters	S. Watanabe, K. Nakajima, H. Wakabayashi, H. Yoneyama, S. Yoshida, J. Komatsu, A. Inaki, T. Konishi, S. Kinuya
9:00	on-demand	Featured Session: Show me your Heart!	OP-0145 Clinical differences between patients with Perugini's grade 2 and grade 3 cardiac ATTR amyloidosis confirmed by ^{99m} Tc-DPD scan	F. Sebastián Palacid, N. Álvarez Mena, B. Pérez López, C. Gamazo Laherrán, P. Turbay Eljach, M. Alonso Rodriguez, A. Sáinz Esteban, C. F. García García, M. Ruiz Gómez, M. J. González Soto, R. Ruano Pérez
14:40 - 16:00	1	Plenary 2: Theranostics Applications and Challenges (incl. Marie Curie Lecture)	OP-0154 Marie Curie Lecture: Other new theranostics	R. Hicks

Wednesday, October 20, 2021 (continued)

Time (CEST)	Channels	Session	Title	Authors
9:00	2	The Top 3 Trials Sessions - 1- Prostate	OP-0167 Quantitative ⁶⁸ Ga-PSMA-11 PET/CT parameters of intraprostatic malignancy in men with prostate adenocarcinoma in the proPSMA Study: Comparison to ISUP grade group	J. P. Buteau, F. de Galiza Barbosa, R. Alipour, S. Koschel, E. Link, O. Alghazo, C. Mitchell, S. F. Oon, N. Lawrentschuk, R. J. Francis, S. Williams, D. G. Murphy, M. S. Hofman
9:00	2	The Top 3 Trials Sessions - 1- Prostate	OP-0170 Phase 3 study of ¹⁷⁷ Lu-PSMA-617 in patients with metastatic castration-resistant prostate cancer (VISION)	B. Krause, J. de Bono, K. N. Chi, K. Fizazi, K. Herrmann, K. Rahbar, S. T. Tagawa, L. T. Nordquist, N. Vaishampayan, G. El-Haddad, C. H. Park, T. M. Beer, W. J. Pérez-Contreras, M. DeSilvio, E. Kpamegan, G. Gericke, R. A. Messmann, M. J. Morris, O. Sartor
9:00	2	The Top 3 Trials Sessions - 1- Prostate	OP-0171 Nomograms to predict outcome after LuPSMA radionuclide therapy in men with metastatic castration-resistant prostate cancer: An international multicenter retrospective study	A. Gafita, J. Calais, T. R. Grogan, B. Hadaschik, H. Wang, M. Weber, S. Sandhu, C. Kratochwil, R. Esfandiari, R. Tauber, A. Zeldin, H. Rathke, W. R. Armstrong, A. Robertson, P. Thin, C. D'Alessandria, M. B. Rettig, E. S. Delpassand, U. Haberkorn, D. Elashoff, K. Herrmann, J. Czernin, M. S. Hofman, W. P. Fendler, M. Eiber
9:00	on-demand	Cutting Edge Science Track - TROP Session: Lu-177 Dosimetry	OP-0204 Impact of dead-time correction method on ¹⁷⁷ Lu quantitative SPECT and dosimetry in personalized PRRT	A. Desy, G. F. Bouvet, J. M. Beauregard
9:00	on-demand	Cutting Edge Science Track - TROP Session: Lu-177 Dosimetry	OP-0205 Optimisation of the radiation dosimetry protocol in ¹⁷⁷ Lu-PSMA therapy	M. Mink, S. M. Peters, B. M. Privé, M. de Bakker, C. H. Muselaers, N. Mehra, J. A. Witjes, M. Gotthardt, C. W. Timmermans, J. Nagarajah, M. W. Konijnenberg
9:00	on-demand	Clinical Oncology Track - TROP Session: Lung	OP-0224 Digital and respiratory-gated FDG PET/CT for characterization of lung lesions	T. Bartel, W. P. Fendler, K. Pabst, F. Barbato, C. Rischpler, K. Herrmann, H. Hautzel
9:00	on-demand	Clinical Oncology Track - TROP Session: Lung	OP-0225 Prognostic value of ¹⁸ F-FDG PET/CT quantitative metrics in non-small cell lung cancer	S. Fontão de Castro, I. Próspero, L. S. Violante, G. Ferreira, J. Teixeira, H. Duarte
9:00	on-demand	Featured Session: New Kids on the Cardiovascular Block!	OP-0232 ¹⁸ F-FDG in patients with embolic stroke of undetermined source (ESUS): A pilot study to identify and evaluate atherosclerotic plaques	L. Romero Robles, M. Garrastachu Zumaran, F. Julian Villaverde, X. Boulevard Chollet, M. Mangas Losada, I. Garcia Megias, A. Cabrera Villegas, R. Ramirez Lasanta, R. Delgado Bolton

Wednesday, October 20, 2021 (continued)

Time (CEST)	Channels	Session	Title	Authors
9:00	on-demand	Cutting Edge Science Track - TROP Session: Clinical Dosimetry and Radioembolisation	OP-0282 Therapy with ¹⁷⁷ Lu-DOTATATE: Correlation between relative platelets reduction and image based bone marrow low absorbed dose	S. Mazzaglia, G. Argiroffi, V. Fuoco, M. Maccauro, E. Seregini, A. Lorenzoni, G. Aliberti, M. Kirienko, C. Chiesa
9:00	on-demand	Cutting Edge Science Track - TROP Session: Clinical Dosimetry and Radioembolisation	OP-0286 Dosimetric comparison between planning SPECT and monitoring PET for ⁹⁰ Y-radioembolisation	J. Labour, T. Baudier, S. Parisse-Di Martino, F. Khayi, D. Sarrut, J. Badel
9:00	on-demand	Clinical Oncology Track - TROP Session: Gastro-Intestinal	OP-0296 ¹⁸ F-FDG PET/MRI in intraductal papillary mucinous neoplasms (IPMNs) of pancreas: A preliminary monocentric experience	M. Frigo, P. Bartoletti, V. Bodanza, R. Simeone, P. Zucchetta, D. Cecchin, L. Evangelista
9:00	on-demand	Clinical Oncology Track - TROP Session: Gastro-Intestinal	OP-0300 ¹⁸ F-FDG PET-CT: Prognostic capacity of baseline SUV _{max} and %ΔSUL peak in locally advanced esophageal cancer undergoing neoadjuvant therapy followed by curative surgery: A single-center study	S. Martin Aguilar, C. Ponce Herrera, C. Montiel Casado, F. J. Moreno Ruiz, M. Florez Rial, M. Requena Santos, E. Muñoz Espinosa, A. L. Gutierrez Cardo, M. Nicolás Aguado, D. Ramirez Ocaña, L. Lumbreras Vega, M. Puentes Zarzuela
9:00	on-demand	TROP Session: Top of Cardiovascular and Soft Tissue Infection/Inflammation Imaging	OP-0311 Inflammatory-directed whole-body pet can alter diagnosis in treatment-naïve patients with suspected rheumatic disease	R. Werner, K. V. Guggenberger, S. Serfling, T. Higuchi, M. G. Pomper, S. P. Rowe, M. Schmalzing, A. K. Buck, T. Bley, M. Fröhlich
9:00	on-demand	TROP Session: Top of Cardiovascular and Soft Tissue Infection/Inflammation Imaging	OP-0312 Evaluation of ¹⁸ F-FDG-PET/MRI in patients with echinococcosis	N. Eberhardt, J. P. Steinacker, L. Peters, S. Kapp-Schwoerer, P. Korf, M. Beer, C. Solbach, T. Kull, B. Grüner, A. J. Beer
9:00	on-demand	M2M Track - Featured Session: Functional Brain Imaging	OP-0347 Microglia phenotypes impact metabolic connectivity in mouse models of neurodegenerative diseases	J. Gnörich, A. Reifschneider, K. Wind, A. Zatcepin, T. Wiedemann, M. Grosch, X. Xiang, M. Khojasteh-Fard, F. Ruch-Rubinstein, M. Koehler, T. Blume, Y. Shi, G. Biechele, L. Beyer, F. Eckenweber, M. Scheifele, P. Bartenstein, J. Herms, S. Tahirovic, A. Capell, C. Haass, S. Ziegler, M. Brendel

Wednesday, October 20, 2021 (continued)

Time (CEST)	Channels	Session	Title	Authors
9:00	on-demand	M2M Track - Featured Session: Functional Brain imaging	OP-0348 TREM2 deficiency desynchronises microglial activity in the mouse brain	A. Zatcepin, X. Xiang, S. Parhizkar, J. Gnörich, M. Grosch, K. Wind, Y. Shi, L. Beyer, G. Biechele, F. Eckenweber, T. Wiedemann, S. Lindner, A. Rominger, P. Bartenstein, M. Willem, S. Tahirovic, J. Herms, C. Haass, S. I. Ziegler, M. Brendel
9:00	on-demand	Cutting Edge Science Track - TROP Session: Diagnostic Dosimetry	OP-0360 ⁶⁴ Cu-ATSM as a therapeutic agent in solid tumor? Preliminary results of a whole body human dosimetry study	N. Varmenot, M. Colombié, C. Rousseau, F. Haddad, L. Ferrer
9:00	on-demand	Clinical Oncology Track - TROP Session: Neuroendocrine	OP-0368 Prediction of transient bone marrow suppression after ¹⁷⁷ Lu-DOTATATE treatment using ⁶⁸ Ga-DOTA-TOC PET/CT and clinical parameters in patients with gastroenteropancreatic neuroendocrine tumors	H. Ryoo, H. Choi, J. Paeng, K. Kang, G. Cheon
9:00	on-demand	Clinical Oncology Track - TROP Session: Neuroendocrine	OP-0373 ⁶⁸ Ga DOTATATE PET / ¹⁷⁷ Lu DOTATATE SPECT Theranostics: Discordance in neuroendocrine tumor and organ distributions	K. Wong, K. A. Frey, J. Niedbala, R. K. Kaza, F. P. Worden, Y. K. Dewaraja
9:00	on-demand	TROP Session: Top of Nuclear Medicine in COVID-19	OP-0378 Long Covid hallmarks on ¹⁸ F-FDG-PET/CT: A case-control study	F. Gelardi, M. Sollini, S. Morbelli, M. Ciccarelli, M. Cecconi, A. Aghemo, P. Morelli, S. Chiola, A. Chiti
9:00	on-demand	TROP Session: Top of Nuclear Medicine in COVID-19	OP-0382 Lung scintigraphy for pulmonary embolism diagnosis in COVID-19 patients: A multicenter observational study	P. Le Roux, P. Bonnefoy, A. Bahloul, B. Denizot, B. Barres, C. Moreau-Triby, A. Girma, A. Pallardy, Q. Ceyrat, L. Sarda-Mantel, M. Razzouk-Cadet, R. Zsigmond, F. Cachin, G. Karcher, P. Salaun
9:00	on-demand	TROP Session: Top of Nuclear Medicine in COVID-19	OP-0383 Functional alterations due to COVID-19 lung lesions— Lessons from a multicenter V/Q scan-based registry	P. Bonnefoy, A. Bahloul, B. Denizot, B. Barres, C. Moreau-Triby, A. Girma, A. Pallardy, Q. Ceyrat, L. Sarda-Mantel, M. Razzouk-Cadet, R. Zsigmond, F. Cachin, G. Karcher, P. Salaun, P. Le Roux
9:00	on-demand	TROP Session: Top of Nuclear Medicine in COVID-19	OP-0387 Evaluation of the findings in ¹⁸ F-FDG PET/CT studies of patients with incidental diagnosis of lung tumors in radiological imaging, which are performed due to the clinical suspicion of SARS-CoV-2 pneumonia	G. Guzmán Prudencio, S. Alvarez Ruiz, L. Del Barco Diez Canseco, N. Canchumanya Huatuco, M. Calderón Calvente, L. De la Cueva Barrao, M. Falgás Lacueva, P. Navarro Beltrán, M. Sangrós Sahún, D. Abós Olivares

Wednesday, October 20, 2021 (continued)

Time (CEST)	Channels	Session	Title	Authors
9:00	on-demand	Featured Session: Molecular Imaging of Alzheimer's Disease	OP-0478 Brain imaging for a biological definition of Alzheimer's Disease	A. Drzezga
9:00	on-demand	Featured Session: Molecular Imaging of Alzheimer's Disease	OP-0482 A PET only ¹⁸ F-flortaucipir quantification: Comparison with an MRI-based method	R. Fahmi
9:00	on-demand	Featured Session: Molecular Imaging of Alzheimer's Disease	OP-0484 Multi-parametric ¹⁸ F-PI-2620 tau PET/MRI in Alzheimer's disease variants: A proof-of-concept study	J. Melasch, M. Rullmann, C. Scherlach, D. Saur, M. L. Schroeter, S. Tiepolt, A. Stephens, N. Koglin, S. Hesse, M. Strauss, M. Brendel, G. Aghakhanyan, A. Schildan, O. Mishchenko, M. Patt, J. Claßen, K. Hoffmann, O. Sabri, H. Barthel
9:00	on-demand	Cutting Edge Science Track - TROP Session: New Imaging Equipment and Techniques	OP-0505 New multi-focal collimator designed for quantitative SPECT imaging in nuclear neurology applications	F. Massanes, A. H. Vija, X. Ding, D. Spence, G. Platsch, A. Yahil, R. Malmin
9:00	on-demand	Cutting Edge Science Track - Featured Session: Software Developments in Total Body PET	OP-0560 ¹⁷⁶ Lu detection for daily PET quality control: Initial clinical experiences	S. McQuaid, J. C. Dickson
9:00	on-demand	Cutting Edge Science Track - Featured Session: Software Developments in Total Body PET	OP-0561 Development and evaluation of a CT-less reconstruction framework for long-axial FOV PET scanners using LSO background radiation	H. Sari, M. Teimoorisichani, C. Mingels, I. Alberts, V. Panin, D. Bharkhada, K. Shi, A. Rominger, M. Conti
9:00	on-demand	Cutting Edge Science Track - Featured Session: Software Developments in Total Body PET	OP-0562 Development of a deep learning method for CT-free correction for an ultra-long axial field of view PET scanner	S. Xue, K. Bohn, R. Guo, H. Sari, M. Viscione, A. Rominger, B. Li, K. Shi
9:00	on-demand	Cutting Edge Science Track - Featured Session: Software Developments in Total Body PET	OP-0563 Dynamic total-body ¹⁸ F-FDG parametric imaging on a long-axial FOV PET/CT scanner	H. Sari, J. Hu, C. Mingels, I. Alberts, J. Hong, V. Panin, L. Eriksson, M. Conti, K. Shi, P. Cumming, A. Rominger
9:00	on-demand	Cutting Edge Science Track - Featured Session: Software Developments in Total Body PET	OP-0564 Clinical validation of a population-based input function for dynamic whole-body ¹⁸ F-FDG multiparametric PET imaging using a standard injector	A. H. Dias, D. Pigg, A. M. Smith, V. Shah, L. C. Gormsen, O. L. Munk
9:00	on-demand	Cutting Edge Science Track - Featured Session: Software Developments in Total Body PET	OP-0565 Normative tissue FDG uptake values from 112 patients undergoing whole-body dynamic ¹⁸ F-FDG PET/CT—Validation of automated software tools and a normal value database	A. H. Dias, O. L. Munk, L. C. Gormsen

Wednesday, October 20, 2021 (continued)

Time (CEST)	Channels	Session	Title	Authors
9:00	on-demand	Cutting Edge Science Track - Featured Session: Software Developments in Total Body PET	OP-0566 Non-invasive method for quantitative measurement of the cerebral glucose metabolic rate	A. Cuculiza Henriksen, M. Lonsdale, V. Nersesjan, D. Kondziella, L. Marnier
9:00	on-demand	Cutting Edge Science Track - Featured Session: Software Developments in Total Body PET	OP-0567 Population-based input function and image-derived input function for whole-body dynamic ⁶⁸ Ga-DOTATOC-PET/CT acquisition: Methodology and clinical validation	P. Thuillier, D. Bourhis, J. Metges, R. Le Pennec, U. Schick, F. Blanc-Beguïn, S. Hennebicq, P. Salaun, V. Kerlan, N. Karakatsanis, R. Abgral
9:00	on-demand	Cutting Edge Science Track - Featured Session: Software Developments in Total Body PET	OP-0568 Motion correction using multi-resolution scheme (MOTIONLESS) for ¹⁸ F-FDG total-body PET/CT systems	L. Shiyam Sundar, Y. Wang, B. A. Spencer, G. Wang, E. Li, S. R. Cherry, T. Beyer, R. D. Badawi
9:00	on-demand	Cutting Edge Science Track - Featured Session: Software Developments in Total Body PET	OP-0569 ENHANCE-PET: Exploring the human functional connectome using total-body ¹⁸ F-FDG-PET	L. Shiyam Sundar, R. D. Badawi, B. A. Spencer, E. Li, S. R. Cherry, Y. G. Abdelhafez, M. Hacker, T. Jones, T. Beyer
9:00	on-demand	Clinical Oncology Track - TROP Session: Prostate Staging	OP-0577 Prospective analysis of Prostate Cancer Local Staging with ¹⁸ F-DCFPyL PET/MRI combined with multiparametric MRI - a comparison to histopathology in the radical prostatectomy specimen	Y. Bodar, G. J. Zwezerijnen, J. P. van der Voorn, B. Jansen, R. Smit, S. Kol, D. Meijer, K. De Bie, A. Windhorst, N. Hendrikse, A. Vis, D. Oprea-Lager
9:00	on-demand	Featured Session: Molecular Imaging of Movement Disorders	OP-0587 ¹⁸ F-FDOPA PET for the diagnosis of cortico-basal syndromes	J. Darcourt, A. Schiazza, D. Chardin, A. El Ouartassi, N. Sapin, P. Koulibaly, O. Humbert, C. Giordana
9:00	on-demand	Cutting Edge Science Track - TROP Session: Imaging of Non-Standard Radionuclides	OP-0643 ⁹⁰ Y quantification using PMT- and SiPM-based PET systems: A phantom study	P. Fragoso Costa, W. Jentzen, D. Jeromin, W. P. Fendler, C. Rischpler, K. Herrmann, M. Conti, M. Manuel, D. Kersting
9:00	on-demand	Cutting Edge Science Track - TROP Session: Imaging of Non-Standard Radionuclides	OP-0647 ¹³¹ I Quantitative SUV-SPECT/CT standardisation and validation	T. Alkahtani, V. Lewington, L. Livieratos
9:00	on-demand	Clinical Oncology Track - TROP Session: Prostate Varia and Others	OP-0654 Japanese multicenter cohort study in patients with prostate cancer with bone metastasis using bone scan index: Hormonal therapy and chemotherapy	K. Nakajima, A. Mizokami, H. Matsuyama, T. Ichikawa, G. Kaneko, S. Takahashi, H. Shiina, H. Horikoshi, K. Hashine, Y. Sugiyama, T. Miyao, M. Kamiyama, K. Harada, A. Ito, PROSTAT-BSI Investigators

Tuesday, October 19 , 2021 (continued)

Time (CEST)	Channels	Session	Title	Authors
9:00	on-demand	Clinical Oncology Track - TROP Session: Prostate Varia and Others	OP-0662 Prognostic value of volumetric-metabolic parameters obtained in ¹⁸ F-FDG PET/CT imaging for the short-term follow-up of patients with advanced bladder cancer	T. Bahceci, E. Şahin Kütük, N. Talay, E. Özdemir
9:00	on-demand	Technologists - TROP Session: Sharing Technologist's Experience 2	OP-0690 Comparison of low pulmonary perfusion index using ^{99m} Tc-MAA SPECT images and hemodynamic indices in chronic thromboembolic pulmonary hypertension	Y. Ochi, Y. Tsutsumi, N. Fujita, H. Ikeda, M. Nishio, Y. Asano, S. Abe, K. Kato
9:00	on-demand	Technologists - TROP Session: Sharing Technologist's Experience 2	OP-0693 First clinical experiences with a new long axial field-of-view PET/CT: The technologist's point-of-view	R. Schepers, I. Alberts, A. Afshar-Oromieh, M. Viscione, A. Rominger
9:00	on-demand	Cutting Edge Science Track - Featured Session: Harmonisation and Standardisation	OP-0724 Acquisition and reconstruction protocols revisited for ¹⁸ F-PSMA imaging	T. Hekimsoy, H. Porger, C. Lohrmann, A. Reinhardt, F. Lahner, C. Meisinger, M. Eiber, W. A. Weber, S. G. Nekolla
9:00	on-demand	Cutting Edge Science Track - Featured Session: Harmonisation and Standardisation	OP-0728 Development of a patient-specific kidney phantom with inhomogeneous activity distribution using only a single fillable compartment	A. Theisen, M. Lassmann, A. K. Buck, J. Tran-Gia
9:00	on-demand	Clinical Oncology Track - TROP Session: Prostate BC Recurrence	OP-0740 First experiences with late acquisition ⁶⁸ Ga-PSMA-11 PET/CT using a long axial field-of-view PET/CT scanner for the diagnosis of recurrent prostate cancer	I. Alberts, G. Prenosil, C. Mingels, K. Bohn, M. Viscione, H. Sari, A. Rominger, A. Afshar-Oromieh
9:00	on-demand	Clinical Oncology Track - TROP Session: Prostate BC Recurrence	OP-0743 Therapy impact of ¹⁸ F-PSMA PET/CT in biochemical recurrence of prostate cancer patients with PSA < 1 ng/ml postprostatectomy and ¹⁸ F-Choline PET/CT negative	M. Cózar Santiago, J. García Garzón, J. Pastor Peiro, P. Bassa Massanas, A. Canoves Llombart, J. Aguilar Barrios, R. Sanz Llorens, V. Faus Rodrigo, M. Soler Lopez, J. Ferrer Rebolleda
9:00	on-demand	Featured Session: Brain Tumor Imaging - More than Amino Acids in Gliomas	OP-0751 Differential alterations in tumoral and extra-tumoral cerebral blood flow in grades III and IV glioma patients using quantitative ¹⁵ O-H ₂ O PET	A. J. Gonçalves, M. Alotaibi, A. R. Carlin, Y. Chen, C. Y. Wong, I. K. Djoukhar, G. Krokos, A. Jackson, D. Coope, M. C. Asselin
9:00	on-demand	Featured Session: Brain Tumor Imaging - More than Amino Acids in Gliomas	OP-0755 Imaging of primary glial tumor using ⁶⁸ Ga-PSMA-11 PET/CT—preliminary experience	K. Pelka, K. Koczyk, L. Królicki, J. Kunikowska
9:00	on-demand	Joint Symposium 19 (EANM/EFOMP): Harmonisation and Standardisation	OP-0778 The need for harmonisation and standardisation in nuclear medicine	S. Barrington

Wednesday, October 20, 2021 (continued)

Time (CEST)	Channels	Session	Title	Authors
9:00	on-demand	Cutting Edge Science Track - TROP Session: Data Analysis	OP-0799 Image quality assessment of low dose ⁶⁸ Ga-DOTA-TOC PET using traditional semi-quantitative metrics, clinical assessment and radiomic feature extraction	A. McCann, S. Cournane, E. Loughnane, A. Stone, R. Killeen, L. León Vintró, J. Lucey
9:00	on-demand	Cutting Edge Science Track - TROP Session: Data Analysis	OP-0801 Fuzzy c-means clustering in input function and wash-in parameter derivation for dynamic SPECT cardiac study	A. Studen, M. Bunc, M. Mrak, S. Rep, L. Ležaić
9:00	on-demand	Clinical Oncology Track - TROP Session: Local Radionuclide Therapy and Other Oncological Treatments	OP-0808 Suggested protocol for ⁹⁰ Y PET/CT dosimetry in liver therapy with ⁹⁰ Y microspheres	K. Knesaurek
9:00	on-demand	Clinical Oncology Track - TROP Session: Local Radionuclide Therapy and Other Oncological Treatments	OP-0809 Feasibility and therapeutic potential of ¹⁷⁷ Lu-Fibroblast Activation Protein Inhibitor (FAPI) for patients with relapsed or refractory of various cancers: A preliminary study	M. Assadi, S. Rekabpour, G. Divband, B. Nikkholgh, H. Ahmadzadehfard, E. Jafari, N. Shakibzad, N. Jokar, I. Nabipour
9:00	on-demand	Clinical Oncology Track - TROP Session: Local Radionuclide Therapy and Other Oncological Treatments	OP-0813 Initial clinical experience with ⁹⁰ Y-FAPI-46 radioligand therapy for advanced stage solid tumors	J. Ferdinandus, P. Frago Costa, L. Kessler, M. M. Weber, N. Hirmas, K. Kostbade, S. Bauer, M. Schuler, M. Ahrens, H. U. Schildhaus, C. Rischpler, J. T. Siveke, K. Herrmann, W. P. Fendler, R. Hamacher
9:00	on-demand	Cutting Edge Science Track - Featured Session: PET Reconstructions and Corrections	OP-0886 Clinical feasibility and assessment of impact of data-driven respiratory motion-correction studied in 659 whole-body ¹⁸ F-FDG PET/CT scans	A. H. Dias, P. Schleyer, M. H. Vendelbo, K. Hjorthaug, L. C. Gormsen, O. L. Munk
9:00	on-demand	Cutting Edge Science Track - Featured Session: PET Reconstructions and Corrections	OP-0887 Improvement of myocardial perfusion images with data-driven corrections of motion and respiration: Comparison between retrospective and prospective gating methods	K. Nakajima, T. Shibutani, F. Massanes, H. A. Vija, T. Shimizu, S. Yoshida, H. Yoneyama, M. Onoguchi, S. Kinuya
9:00	on-demand	TROP Session: Paediatric Nuclear Medicine	OP-0910 Preliminary investigation into use of ¹⁸ F-fluoroethyltyrosine PET (¹⁸ F-FET-PET) within the paediatric population for stratification and prognostication of brain gliomas	P. Francis, Y. Shvarts
9:00	on-demand	Cutting Edge Science Track - TROP Session: Data/Image Processing Based on Deep Learning	OP-0944 Whole body non-rigid PET/CT alignment using synthetic CT generation from non-attenuation corrected ¹⁸ F-FDG PET images with a 3D CycleGAN	S. Khushu, C. CA von Gall, M. Reymann, L. Sibille, B. Spottiswoode, P. Ritt, T. Kuwert, V. Shah
9:00	on-demand	Cutting Edge Science Track - TROP Session: Data/Image Processing Based on Deep Learning	OP-0948 Automated analysis of total tumour burden on ⁶⁸ Ga-PSMA PET/CT using convolutional neural network and novel watershed filtering	L. McIntosh, J.P. Buteau, P. Jackson, J. Ferdinandus, N. Hardcastle, R. Franich, M. Hofman

Wednesday, October 20, 2021 (continued)

Time (CEST)	Channels	Session	Title	Authors
9:00	on-demand	Clinical Oncology Track - Featured Session: Neuroendocrine Therapy	OP-0956 A Phase I/II clinical trial for high-dose ¹³¹ I-meta-iodobenzylguanidine therapy for high-risk neuroblastoma preceding single myeloablative chemotherapy and hematopoietic stem cell transplantation	H. Wakabayashi, R. Kuroda, R. Araki, A. Inaki, R. Nishimura, Y. Ikawa, K. Yoshimura, T. Murayma, Y. Imai, T. Funasaka, T. Wada, S. Kinuya
9:00	on-demand	TROP Session: General Nuclear Medicine	OP-0972 Evaluation of dynamic renal ⁶⁸ Ga-DOTA PET/CT to monitor the urinary efflux and to estimate the glomerular filtration rate using a compartmental kinetic modelling approach	D. Kersting, M. Sraieb, R. Seifert, P. Fragoso Costa, S. Kazek, L. Umutlu, M. Nader, W. Fendler, W. Jentzen, K. Herrmann, C. Rischpler
9:00	on-demand	Cutting Edge Science Track - TROP Session: Artificial Intelligence - Clinical Applications	OP-1011 Automatic PET image quality control using convolutional neural networks	E. Pfaehler
9:00	on-demand	Clinical Oncology Track - TROP Session: Lymphoma and Other Hematological Tumours	OP-1013 Reliability of Deauville scale for lymphoma PET assessment in FIL and IELSG multi-center clinical trials	F. Bergesio, L. Guerra, F. Fallanca, M. Gregianin, S. Morbelli, U. Ficola, S. Peano, G. Storto, A. Franceschetto, L. Melis, E. Borsasti, G. Treglia, L. Ceriani, A. Versari, S. Chauvie

Friday, October 22, 2021

Time (CEST)	Channels	Session	Title	Authors
15:05 - 16:35	1	CME 11: New Concepts for Imaging and Therapy of Bone Metastases	OP-0863 First clinical experience with ⁸⁹ Zr-Df-IAB22M2C PET/MRI in patients with metastatic cancer	J. Schwenck, D. Sonanini, D. Seyfried, W. Ehrlichmann, G. Kienzle, G. Reischl, I. Wilson, W. Le, G. Smith, R. Korn, F. Seith, A. Forschner, T. Eigentler, M. Röcken, L. Zender, B. Pichler, L. Flatz, M. Kneilling, C. la Fougere

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