1. Venue

The conference will be held in the NOVOTEL conference room **IRYS** located on the ground floor.
NOVOTEL Warszawa Centrum
Marszałkowska 94/98, Warsaw

Google maps: https://maps.app.goo.gl/sx53DbX2xz5PUMDC8

2. Welcome Reception

Welcome Reception will take place in the NOVOTEL Warszawa Centrum at the **PROMENADA** conference room.

3. Gala Dinner

Gala Dinner will take place in the NOVOTEL Warszawa Centrum at the **PROMENADA** conference room.

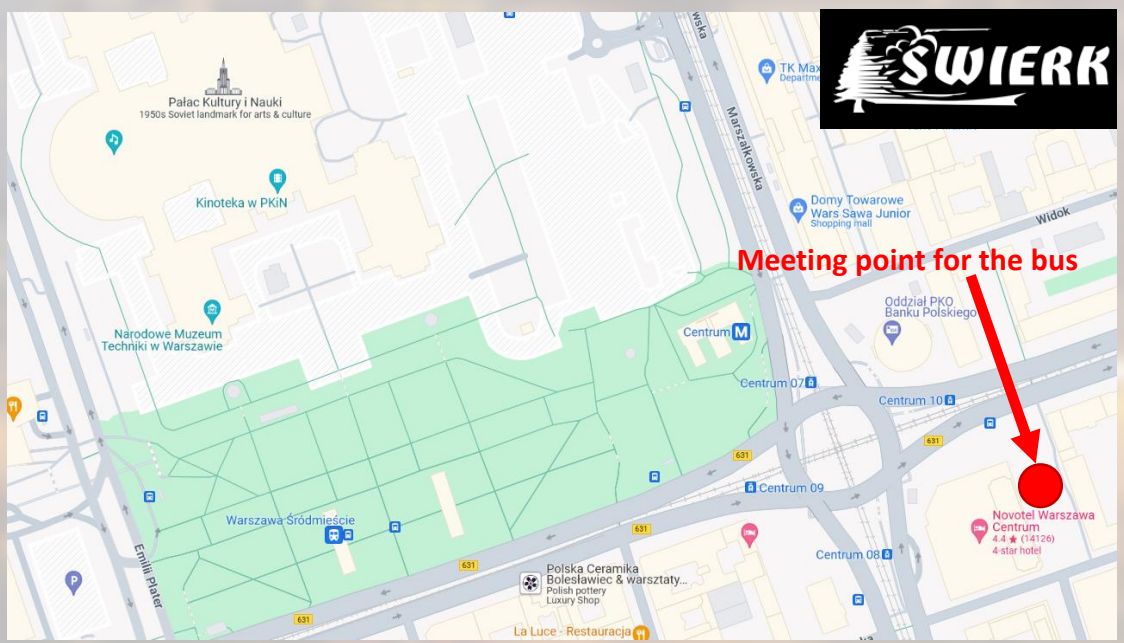
4. Internet access

To connect to the free Wi-Fi network, select the network name NOVOTEL. Once you have selected the network, you will see the NOVOTEL network login notification, which will send you to the Accor.com website. On the page, enter your email address (no email verification is required) and the network login is complete.

5. Visit to NCBJ on Thursday 27.06.2024

The bus to NCBJ will depart at 7:30 a.m. and will be based at the back of the hotel (please check the map for the exact location). Once the bus has left, there will be no other way to get to NCBJ, so we encourage everyone to come to the meeting point **5 - 10 minutes earlier**.

- The bus will be marked with the symbol **'ŚWIERK'** below
- Those going on the NCBJ excursion will need to **bring the ID or passport** they registered earlier in the registration form
- Only computer equipment declared in advance on the registration form will be allowed to be brought onto NCBJ premises
- NCBJ has luggage storage facilities (if you will be going straight to the airport and need to take your luggage with you)



NOMRAD

NOMATEN International Radiopharmaceutical Conference
25-27.06.2024
WARSAW, POLAND

Monday (24.06)	Tuesday (25.06)	Wednesday (26.06)	Thursday (27.06)
	08:00-08:30 Registration & morning coffee	**08:00-08:30** Registration & morning coffee	**07:30-08:30** Transport to NCBJ
	08:30-09:00 Opening of NOMATEN International Radiopharmaceutical Conference - NOMRad	**Session 5** Radiolabeling & Biomolecules	**08:30-09:00** Morning coffee & snacks
	Session 1 Radionuclides Production and Separation	**08:30-09:15** Invited Speaker **Alfred Morgenstern**	
	09:00-09:45 Invited Speaker **Valery Radchenko**	**09:15-10:30** **Sub-session 5.1** Metallic Radioisotopes Scientific presentations	**09:00-12:00** Visits to Maria Reactor, CERAD Centre, POLATOM, LBM and CoE NOMATEN
	09:45-11:00 Scientific presentations	**10:30-11:00** Coffee break & snacks	
	11:00-11:30 Coffee break & snacks	**11:00-12:15** **Sub-session 5.2** Non Metallic Radioisotopes Scientific presentations	
	11:30-12:00 Scientific presentations		
	Session 2 Presentations of Industry		**12:00-13:00** Lunch
	12:00-13:00 Industrial presentations	**12:15-13:00** **Sub-session 5.3** Isotopic Radiolabelling Scientific presentations	
	12:50-13:00 **Conference Photo**		
	13:00-14:00 Lunch	**13:00-14:00** Lunch	**13:00-14:00** Free B2B Discussion & coffee
	14:00-15:00 Invited speaker **Michael R. Zalutsky**	**Session 6** Clinical Research	
	Session 3 Presentations of PhD Students (MT 180')	**14:00-14:45** Invited Speaker **Jolanta Kunikowska**	**14:00** Transfer back to Warsaw or directly to the airport
	15:00-16:00 Presentations of PhD Students (MT 180')	**14:45-15:45** Scientific presentations	
	16:00-16:30 Coffee break & snacks	**Poster Session**	
	Session 4 Radiopharmaceuticals and Beyond	**15:45-17:00** Poster presentations Coffee & snacks	
	16:30-18:00 Scientific presentations	**17:00-17:15** Young scientist award	
		17:15-17:30 Closing of NOMATEN International Radiopharmaceutical Conference - NOMRad	
	Free Time		
19:00-23:00 Welcome Reception	**20:00-23:00** Gala Dinner		

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24.06.2024 - MONDAY	**19:00-22:00**		**Networking Welcome Reception** - Hotel Novotel Warszawa Centrum, Marszałkowska 94/98, 00-510 Warsaw
25.06.2024 - TUESDAY	**08:00-08:30**		**Registration, Morning Coffee** - Hotel Novotel Warszawa Centrum, Marszałkowska 94/98, 00-510 Warsaw
	08:30-09:00		**Opening of NOMATEN International Radiopharmaceutical Conference - NOMRad**
			Information about NOMRad Conference - Marek Pruszyński
			Welcome message from directors of NCBJ, NOMATEN CoE and from National Agency for Scientific Exchange Poland
	09:00-12:00		**Session 1 - Radionuclides Production and Separation**
	09:00-09:45	**Invited Talk**	**Modern Alchemy (Radiochemistry) for the Diagnostic and Therapy of Cancer: TRIUMF Experience** *Valery Radchenko, Life Sciences Division, TRIUMF; and Chemistry Department, University of British Columbia, Vancouver, Canada*
	09:45-10:00	**KeyNote Talk**	**Isotope Irradiation in the Maria Reactor and Their Further Development** *Paweł Nowakowski, Nuclear Facilities Operations Department, National Centre for Nuclear Research, Otwock, Poland*
	10:00-10:15		**Molybdenum Nanoparticles for the Production of High Specific Activity ^{99}Mo by the Recoil Effect** *Pablo Serra Crespo, European Commission, Joint Research Centre, Petten, The Netherlands*
	10:15-10:30		**Inhouse Production of ^{161}Tb** *Ján Kozempel, Department of Nuclear Chemistry, Czech Technical University, Prague, Czech Republic*
	10:30-10:45		**Terbium-161 Production in Maria Reactor and Gd-160 Recovery - Preliminary Data** *Małgorzata Żółtowska, Radioisotope Centre POLATOM, National Centre for Nuclear Research, Otwock, Poland*
	10:45-11:00		**On the Development of a Method for the Separation of Terbium from Elevated Amounts of Gadolinium Using TK221 and TK211/2 Resins** *Steffen Happel, TrisKem International, Bruz, France*
	11:00-11:30		**Coffee Break & Snacks**
	11:30-11:45	**KeyNote Talk**	**CERAD – a 30 MeV Cyclotron and New Opportunities for Medical Isotope Production in Poland** *Renata Mikołajczak, Radioisotope Centre POLATOM, National Centre for Nuclear Research, Otwock, Poland*
	11:45-12:00		**Production of Theranostic Pair $^{43/44}$Sc -^{47}Sc on Calcium Targets** *Rafał Walczak, Institute of Nuclear Chemistry and Technology, Warsaw, Poland*
	12:00-13:00		**Session 2 - Presentations of Industry**
	12:00-12:10		**Voxel S.A., Poland** - *Marek Pilch-Kowalczyk*
	12:10-12:20		**PioLigOn Sp. z o.o., Poland** - *Piotr Liguziński*
	12:20-12:30		**MEDISO, Poland** - *Magdalena Białek-Pietras*
	12:30-12:40		**Curium Pharma, France** - *Vincent Bodenant*
	12:40-12:50		**TrisKem, France** - *Steffen Happfel*
	12:50-13:00		**Conference Photo**
	13:00-14:00		**Lunch**
	14:00-15:00	**Invited Talk**	**Astatine-211 - the Kinder, Gentler α-emitter Coming Soon to a Cyclotron Near You** *Michael R. Zalutsky, Department of Radiology, Duke University Medical Center, Durham, NC USA*
	15:00-16:00		**Session 3 - Presentations of PhD Students (MT 180')**
	16:00-16:30		**Coffee Break & Snacks**
	16:30-18:00		**Session 4 - Radiopharmaceuticals and Beyond**
	16:30-17:00		**The Japan Astatine Community: a Hub for Skills and Knowledge of ^{211}At and the Gateway to the World Astatine Community** *Kohshin Washiyama, Advanced Clinical Research Center, Fukushima Medical University, Fukushima, Japan*
	17:00-17:30		**IAEA Contribution to the Production and Quality Control of Medical Radioisotopes and Radiopharmaceuticals** *Amirreza Jalilian, Department of Nuclear Sciences and Applications, International Atomic Energy Agency, Vienna, Austria*
	17:30-18:00		**VTT´s Recombinant Antibody Technology** *Kristiina Iljin, Sensing Solutions, Immunotechnology, VTT Technical Research Centre of Finland, Espoo, Finland*
	18:00-20:00		***free time***
	20:00-23:00		**Gala Dinner** - Hotel Novotel Warszawa Centrum, Marszałkowska 94/98, 00-510 Warsaw
26.06.2024 - WEDNESDAY	**08:00-08:30**		**Late Registration, Morning Coffee** - Hotel Novotel Warszawa Centrum, Marszałkowska 94/98, 00-510 Warsaw
	08:30-13:00		**Session 5 - Radiolabeling & Biomolecules**
	08:30-09:15	**Invited Talk**	**Targeted Alpha Therapy with Actinium-225** *Alfred Morgenstern, European Commission, Joint Research Centre, Directorate for Nuclear Safety and Security, Karlsruhe, Germany*
			Sub-session 5.1 - Radiochemistry and Preclinical Research (Metalic Radioisotopes)
	09:15-09:30	**KeyNote Talk**	**ImmunoPET Imaging of Glioblastoma Biomarkers to Follow and Predict Tumor Evolution** *Hélène Quelquejay, SHFJ-BioMaps (Université Paris-Saclay, Inserm, CNRS, CEA), Orsay, France*
	09:30-09:45		**Terbium-161 labelling of glycoproteins PSMA and monoclonal antibodies** *Martin Vlk, Department of Nuclear Chemistry, Czech Technical University, Prague, Czech Republic*
	09:45-10:00		**Polymer-Based Radiopharmaceuticals** *Martin Hrubý, SUPRAMOL Centre, Institute of Macromolecular Chemistry CAS, Prague, Czech Republic*
	10:00-10:15		**Mercury Radionuclides for Nanobrachytherapy of Triple-Negative Breast Cancer and Glioblastoma Multiforme** *Emilia Majka, Institute of Nuclear Chemistry and Technology, Warsaw, Poland*
	10:15-10:30		**^{109}Pd/^{109m}Ag *in vivo* Generator in the Form of Nanoparticles for Combined β$^-$- Auger Electron Therapy of Hepatocellular Carcinoma** *Nasrin Abbasi Gharibkandi, Institute of Nuclear Chemistry and Technology, Warsaw, Poland*
	10:30-11:00		**Coffee break & snacks**

		Sub-session 5.2 - Radiochemistry and Preclinical Research (Non Metalic Radioisotopes)
11:00-11:15	**KeyNote Talk**	**Labeling of Proteins with Fluorine-18, Two Unlikely Partners for PET Imaging** *Simon Specklin, SHFJ-BioMaps (Université Paris-Saclay, Inserm, CNRS, CEA), Orsay, France*
11:15-11:30		**Development of New O^6-Benzylguanine Derivatives Radiolabelled with (Fluorine-18 and Zirconium-89) for Protein Labeling *via* SNAP-tag Approach** *Julen Ariztia, SHFJ-BioMaps (Université Paris-Saclay, Inserm, CNRS, CEA), Orsay, France*
11:30-11:45		**Radioiodination of Octreotide *via* Disulphide Rebridging** *Anna Krzyczmonik, NOMATEN Centre of Excellence, National Centre for Nuclear Research, Otwock, Poland*
11:45-12:00		**Design of New Radiotracers to Target Astrocytes as Biomarker of Neuroinflammation** *Eugénie Pincemail, SHFJ-BioMaps (Université Paris-Saclay, Inserm, CNRS, CEA), Orsay, France*
12:00-12:15		**Development of Radiofluorination of Metal Porphyrin Platforms for PET Imaging and Photodynamic Therapy** *Romain Fontaine-Tuffery, Service de Médecine Nucléaire, Centre Georges-François Leclerc (CGFL); and Institut de Chimie Moléculaire de l'Université de Bourgogne (ICMUB), Dijon, France*
		Sub-session 5.3 - Radiochemistry and Preclinical Research (Isotopic Radiolabeling)
12:15-12:30		**Electrophilic Cyanation for the Carbon-11 Isotopic Radiolabeling of the Nitrile Function** *Alexandre Hauwelle, SHFJ-BioMaps (Université Paris-Saclay, Inserm, CNRS, CEA), Orsay, France*
12:30-12:45		**Radiosynthesis and Use of [^{11}C]phosgene** *Thomas Keller, Radiopharmaceutical Chemistry Laboratory, Turku PET Centre, University of Turku, Turku, Finland*
12:45-13:00		**Isotopic Radiolabelling of Emtricitabine with Fluorine-18 for PET Imaging of HIV-1 Reservoirs** *Steve Huvelle, SHFJ-BioMaps (Université Paris-Saclay, Inserm, CNRS, CEA), Orsay, France*
13:00-14:00	**Lunch**	
14:00-15:45	**Session 6 - Clinical Research**	
14:00-14:45	**Invited Talk**	**Targeted treatment of Glioma with radiolabelled Substance-P and PSMA** *Jolanta Kunikowska, Department of Nuclear Medicine, Warsaw Medical University, Poland*
14:45-15:00		**Difference Between Lu-PSMA 617 and Lu-PSMA I&T: a Single-French-Center Experience after Two Years** *David Tonnelet, Centre Henri Becquerel, France*
15:00-15:15		**A Comparative Study of [^{18}F]DCFPyL PET/CT *versus* [^{18}F]Fluoromethylcholine in Biochemical Recurrence of Prostate Cancer** *Vincent Bodenant, Curium Pharma, Saclay, France*
15:15-15:45	**Closing Conf. Talk**	**Prospects of Positronium Imaging Using Scandium-Labeled Pharmaceuticals** *Paweł Moskal, Institute of Physics; and Center for Theranostics, Jagiellonian University, Cracow, Poland*
15:45-17:00	**Session 7 - Poster Session + Coffee & Snacks**	
17:00-17:15		Announcements of 3 Awards to Young Scientists in categories: MT 180', poster and talk
17:15-17:30	**Closing of NOMATEN International Radiopharmaceutical Conference – NOMRad**	

27.06.2024 - THURSDAY	**07:30-08:30**	**Transfer to NCBJ**
	08:30-09:00	**Morning Coffee & Snacks**
	09:00-12:00	Visits of NCBJ facilities:
		Maria Reactor CERAD Centre – cyclotron
		POLATOM LBM - Laboratory of Materials Science
		CoE NOMATEN - Laboratory of Materials Characterization
	12:00-13:00	**Lunch**
	13:00-14:00	Free B2B Discussion & Coffee
	14:00	Transfer Back to Warsaw or Directly to Airport

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INVITED SPEAKERS

VALERY RADCHENKO

Life Sciences Division, TRIUMF Chemistry Department, University of British Columbia

Modern Alchemy (Radiochemistry) for the Diagnostic and Therapy of Cancer: TRIUMF Experience

MICHAEL R. ZALUTSKY

Department of Radiology, Duke University Medical Center

Astatine-211 – The Kinder, Gentler α-Emitter Coming Soon to a Cyclotron Near You

ALFRED MORGENSTERN

European Commission, Joint Research Centre, Directorate for Nuclear Safety and Security

Targeted Alpha Therapy with Actinium-225

JOLANTA KUNIKOWSKA

Nuclear Medicine Department, Warsaw Medical University

Targeted Treatment of Glioma with Radiolabelled Substance-P and PSMA

My Thesis in 180 seconds (MT 180') - Tuesday 25th June 15:00-16:00

MT 180' is a **competition open to doctoral students.** The challenge is for students to present their research topics in simple terms. Each participant must make a clear, concise and convincing presentation of his or her research project in **three minutes with a single slide**.
More than just a competition, it is also an opportunity for the junior researchers to **learn how to communicate and popularise** their passion for research.
The competition is inspired by the concept of the *Three minute thesis (3MT),* which originated at the University of Queensland in Australia.

Participants:

Electrophilic cyanation for the carbon-11 isotopic radiolabeling of the nitrile function
Alexandre Hauwelle, Université Paris-Saclay, CEA, CNRS, Inserm, BioMaps, Orsay, France

Investigation of theranostic potentials of Lu-177 labeled magnetic iron oxide nanoparticles and their derivatives
Elif Tutun, Institute of Nuclear Chemistry and Technology, Warsaw, Poland

Mercury Radionuclides for Nanobrachytherapy of Triple-Negative Breast Cancer and Glioblastoma Multiforme
Emilia Majka, Institute of Nuclear Chemistry and Technology, Warsaw, Poland

Synthesis, radiolabeling and *in vitro* and *in vivo* characterization of novel $P2Y_{12}$ purinergic receptor radiotracers
Eugénie Pincemail, Université Paris-Saclay, CEA, CNRS, Inserm, BioMaps, Orsay, France

Copper-catalyzed nucleophilic radioiodination of new prosthetic groups
Ihab Shokair, NOMATEN Centre of Excellence, National Centre for Nuclear Research, Otwock, Poland

^{109,103}Pd/^{109m}Ag,^{103}Rh *in-vivo* generator for Auger electron targeted therapy
Nasrin Abbasi Gharibkandi, Institute of Nuclear Chemistry and Technology, Warsaw, Poland

^{55}Co/^{58m}Co-labeled anti-Her 2 nanobody as a theranostic pair for 3-gamma PET and Auger electron therapy
Noman Razzaq - Institute of Nuclear Chemistry and Technology Warsaw, Poland

Synthesis of fluorinated metal porphyrin platforms for PET imaging and photodynamic therapy
Romain Fontaine-Tuffery, Service de Médecine Nucléaire, Centre Georges-François Leclerc (CGFL); and Institut de Chimie Moléculaire de l'Université de Bourgogne (ICMUB), Dijon, France

Radioiodinated Anti-HER2 Monoclonal Antibodies as Potential Therapeutic Radiopharmaceuticals
Sahar Nosrati Shanjani, Institute of Nuclear Chemistry and Technology, Warsaw, Poland

Development of a GMP-Compliant Synthesis of [^{18}F]AlF-NOTA-Folate on Trasis AllInOne
Simo Salo - Turku PET Centre, University of Turku, Turku, Finland

PSMA-Targeted radionuclide therapy enhanced by ultrasound-mediated microbubbles in a preclinical mouse model of human prostate cancer
Sophie Tran - BioMaps, Laboratoire d'imagerie biomédicale multimodale, Université Paris-Saclay, CEA, France

Terbium-161 Production and Quality Control
Tereza Janská - Department of Nuclear Chemistry, Czech Technival University, Prague, Czech Republic

A criterion for BCC Phase Stability in Cobalt-Free Refractory High Entropy Alloys for Radiation Environment
Yulin Li - NOMATEN Centre of Excellence, National Centre for Nuclear Research, Otwock, Poland

New Phase Transfer Agents for Fluorine-18 Radiolabeling
Zélie Faudemer - Université Paris-Saclay, Inserm, CNRS, CEA, Laboratoire d'Imagerie Biomédicale Multimodale Paris-Saclay (BioMaps), Orsay, France