

**ISHRAD**



# INVITATION

**12<sup>th</sup> ISHRAD Symposium  
2<sup>nd</sup> Forum History Commission DRG**

**October 27-29, 2023**

**Remscheid Lennep  
German Roentgen-Museum (DRM)  
and Wilhelm Conrad Roentgen Birthplace**

## FRIDAY OCT 27<sup>TH</sup> (PROGRAM IN GERMAN LANGUAGE)

TIME	AGENDA	ROOM	THEME/TITLE	SPEAKER/ RESPONSIBLE	INSTITUTION/ FUNCTION
15.30 – 16.00 h	Welcome	DRM	Registration		DRM
16.15 – 17.30 h	Highlight Lecture	Labor X/ DRM	Spätschicksale nach Thorotrastinjektion – Ergebnisse der Deutschen Thorotraststudie	Gerhard van Kaick (D)	DKFZ Heidelberg
17.45 – 18.15 h	Visit	Birthplace Roentgen	Reception and visit	Stefan Lohwasser (D) Kai Schreiber (D)	DRG DRM
18.15 – 19.30 h	Oral History	Wintergarten Birthplace	Honoured guest	Gerhard van Kaick (D) Interviewer Kai Schreiber (D)	DKFZ Heidelberg DRM/DRG
19.45 – 22.00 h	Dinner at the museum	DRM			DRM
21.00 – 22.30 h	Guided museum tours and RoeLab	DRM	At night in the museum	Uwe Busch (D) Birgit Dömling (D) Anna Kätker (D)	DRM

## SATURDAY OCT 28<sup>TH</sup> (LABOR X/DRM) (PROGRAM IN ENGLISH LANGUAGE)

TIME	AGENDA	THEME	SPEAKER/CHAIR	INSTITUTION
08.30 – 09.30 h	ISHRAD AGM	Labor X DRM	Arpan Banerjee (UK)	Chairman ISHRAD
09.30 – 09.40 h	Opening	DRG Welcoming address DRG History Commission	Heinz-Peter Schlemmer (D)	DKFZ, Heidelberg, Germany Chairman History Commission
09.40 – 09.45 h		Welcoming address ISHRAD	Arpan Banerjee (UK)	Chairman ISHRAD
09.45 – 10.40 h	Session 1	100 <sup>th</sup> anniversary of the death of Wilhelm C. Roentgen	Chair Uwe Busch (D) Co-chair Birgit Dömling (D)	DRM/ISHRAD
09:45 – 10.05 h	1.1	New results on the biographical research on W. C. Röntgen. Processing the legacy of W. C. Röntgen	Marcel Michels (D)	Marcel Michels M.A. is a historian and archivist who works as a freelance researcher and curator. He has been involved with Roentgens patrimony on and off over the last twenty years and is also involved in managing the historical collections of the Roentgen-museum and planning new exhibition spaces. Before his engagement in Lennep he worked at the Siemens Healthineers Museum in Erlangen/Germany.

10.05 – 10.25 h	1.2	Wilhelm Conrad Röntgen as teacher and inspirator.	Dr. Annemarie de Knecht-van Eekelen (NL)	Medical historian
10.25 – 10.45 h	1.3	Jan Willem Gunning: the teacher who was decisive for Röntgen's future	Gerd Rosenbusch (NL)	Professor em. in radiology in the Radboud University Nijmegen
10.45 – 11.00 h		Discussion		
11.00 – 11.20 h		<b>Coffee/Tee Break</b>		
11.20 – 12.45 h	Session 2	History of radiobiology and radiation protection	Chair Arpan Banerjee (UK) Co-chair Liz Beckmann (UK)	ISHRAD
11.20 – 11.50 h	2.1	The Development of radiation biology - Some key-points of radiobiological measures	Christian Streffer (D)	Prof. em. Radiation-Biology, University of Essen
11.50 – 12.10 h	2.2	Radiation Oncology and Art – a reciprocal and inspiring relationship	Michael Oertel <sup>1</sup> , Oliver Micke <sup>2</sup> , Hans Theodor Eich <sup>1</sup> – For the working group “History” of the German Society of Radiation Oncology (D)	<sup>1</sup> Radiation Oncology, Muenster University Hospital, Muenster, Germany <sup>2</sup> Department of Radiotherapy and Radiation Oncology, Franziskus Hospital, Bielefeld, Germany
12.10 – 12.30 h	2.3	Guido Holzknacht and the Early Roentgenology of Vienna – A Long Hard Road to Academic Recognition	Oliver Micke <sup>1</sup> , Franziska Eckert <sup>2</sup> , Michael Oertel <sup>3</sup> – For the working group “History” of the German Society of Radiation Oncology (D)	<sup>1</sup> Department of Radiotherapy and Radiation Oncology, Franziskus Hospital, Bielefeld, Germany <sup>2</sup> Department of Radiation Oncology, Vienna General Hospital, University Hospital, Vienna, Austria <sup>3</sup> Department of Radiation Oncology, Muenster University Hospital, Muenster, Germany
12.30 – 12.45 h	2.4	Jack Fowler: Director of the Gray Lab 1970–1988; his contribution to our understanding of different fractionation schedules in radiotherapy, and their application today”	Edwin Aird (UK)	BSHR
12.45 – 13.05 h	2.5	Some Swedish contributions to the history of radiation protection	Mats Geijer (S)	Professor of Radiology, Akademin Sahlgrenska Universitetssjukhuset, Göteborg
13.05 – 13.15 h		Discussion		
13.15 – 14.00 h		<b>Lunch Break</b>		
14.00 – 15.50 h	Session 3	Pioneers an early development of radiology in different regions of the world	Chair Robert George (AUS) Co-chair Mats Geijer (S)	ISHRAD
14.00 – 14.20 h	3.1	The Early days of Radiology in India.	Arpan K Banerjee (UK)	Consultant Radiologist ISHRAD Chairman
14.20 – 14.40 h	3.2	The exploration of cathodography and first steps to improve it in Belgium.	Dr. R. Van den Broeck, R. Van Tiggelen (B)	Belgian Museum of Radiology

14.40 – 15.00 h	3.3	Father and Son jointly announced the discovery of Röntgen rays in two consecutive press articles – revisited	Jean-François Monville, M.D. (B) <sup>1</sup> Robert F. Dondelinger, M.D. Hon. FRCR (B) <sup>2</sup>	<sup>1</sup> Sankt Nikolaus Hospital, Eupen, Belgium <sup>2</sup> University Hospital Sart Tilman, Liège, Belgium
15.00 – 15.20 h	3.4	The first images of radiology in France, we must restore the truth!	Bruno Bonnemain (F)	French Society of Radiology President of the French society of history of pharmacy President of the International Academy of history of pharmacy
15.20 – 15.40 h	3.5	Marie Kundt and Eugen Goldstein - The first public X-ray exposure in Berlin	Markus Stuhmann (D)	Radiologist, Wuppertal and Member History Commission German Roentgen Society, Wuppertal
15.40 – 15.50 h		Discussion		
15.50 – 16.10 h		<b>Coffee/Tea Break</b>		
16.10 – 17.30 h	Session 4	Interface radiology-history/ natural sciences and humanities	Chair Renaat van den Broeck (B) Co-chair July Amorosa (USA)	ISHRAD
16.10 – 16.30 h	4.1	William Morgan, a Welsh political radical, actuary and scientist.	Adrian Thomas (UK)	Prof. of Radiology Canterbury Christ Church University and ISHRAD Hon. Treasurer
16.30 – 16.50 h	4.2	On the shoulders of Roentgen – the Bragg's impact on International Science	Robert George, FIR. (AUS)	Past President ISRRRT, Past President ASMIRT Adelaide, Australia ISHRAD Board
16.50 – 17.10 h	4.3	Early X-ray imagery as popular entertainment and new visual media show	TIM OVERKEMPE PhD researcher University of Antwerp (SciFair)	Tim Overkempe is PhD researcher in the project Science at the Fair: Performing Knowledge and Technology in Western Europe, 1850-1914 at the University of Antwerp. His research focuses on science and technology at the fairground, particularly the introduction of new media spectacles.
17.10 – 17.30	4.4	Practicing Radiology for... A 1000 years by Women and who are behind them: women Radiation physicists	Judith Korek Amorosa MD FACR FAWR (USA) Anupriya Barot, MD Rebecca Scalabrino, DO Houda Bouhmam, MD Deborah Reede, MD	ISHRAD board
17.30 – 17.40 h		Discussion		
17.40 – 17.50 h	Closing remarks		Arpan Banerjee (UK) Uwe Busch (D)	Chairman ISHRAD Conference Chair

## SATURDAY OCT 28<sup>TH</sup> (LABOR X/DRM) (PROGRAM IN GERMAN LANGUAGE)

TIME	AGENDA	THEME	SPEAKER/CHAIR	INSTITUTION
10.00 – 17.00 h	Workshop	FFF EXPERIMENTAL	Chair Nadja Kocher (CH) Co-Chair Anna Kätker (D)	Junges Forum DRG Röntgen-Museum (DRM)
9.30– 10.15 h	Theorie	Physikalische Grundlagen und Strahlenbiologie	Nadja Kocher (Zürich)	
10.15– 11.00 h	Theorie	Grundprinzipien Strahlenschutz	Nadja Kocher (Zürich)	
11.00– 11.30 h		<b>Kaffee- und Teepause</b>		
11.30– 12.15 h	Theorie	Radiologische Gerätetechnik, Konventionelles Röntgen, Durchleuchtung und CT	Nadja Kocher (Zürich)	
12.15– 13.00 h	Theorie	Radiologische Gerätetechnik, Konventionelles Röntgen, MRT und Ultraschall	Heinz-Peter Schlemmer (Heidelberg)	
13.00– 13.15 h	Diskussion	Zeit für Fragen und Repetition	Nadja Kocher (Zürich) Heinz-Peter Schlemmer (Heidelberg)	
13.15– 14.00 h-		<b>Mittagspause</b>		
14.00– 17.00	Experimente	<ul style="list-style-type: none"> <li>• Experimente Röntgen, CT und Ultraschall</li> <li>• Durchleuchtungsaufnahmen an Vollschutz-Schulröntgen-geräten/Speicherfolie</li> <li>• Computertomografie an Vollschutz-Schulröntgen-geräten</li> <li>• Aufnahme eines Röntgenspektrums an Vollschutz-Schulröntgen-geräten (optional)</li> <li>• Praktikum Grundlagen Ultraschall</li> <li>• Ultraschall in der Medizin</li> </ul>	Anna Kätker (Remscheid)	
17.00– 17.15 h	Diskussion	Zeit für Fragen und Anregungen	Anna Kätker (Remscheid) Nadja Kocher (Zürich)	
19.00– 23.30 h	Evening Program	Night of culture in Remscheid with Live Music. Singalong at Wintergarden Birthplace Wilhelm C. Roentgen	Stefan Lohwasser (D)	General Secretary German Roentgen Society

## SUNDAY OCT 29<sup>TH</sup>

TIME	AGENDA	THEME	PLACE	INSTITUTION
08.00– 18.00 h	Roentgen Run	Country runs around Remscheid (5-63 km). Join our Roentgen running team! More information on request.	Sportzentrum Hackenberg	Roentgen Sports Club