

Nuclear Research in Medicine after the Second World War

Symposium, March 20-21, 2023, Vienna, Austria

Program

An event sponsored by the

Austrian Academy of Sciences (ÖAW), Institute of Culture Studies and Theatre History

Friedrich-Alexander-University Erlangen-Nuremberg (FAU), Chair of Science, Technology and Gender Studies

Medical University of Vienna (MUW), Division of Nuclear Medicine

Austrian Society of Nuclear Medicine and Molecular Imaging (OGNMB)

MONDAY, 20 MARCH 2023

Jugendstil-Hörsaal, Rector's Office Building (BT88), Spitalgasse 23, Medical University of Vienna

5 pm **Opening Ceremony**

Welcome by the Conference Organizers:

Johannes Mattes | ÖAW – **Cécile Philippe** | MUW – **Maria Rentetzi** | FAU

Director of the Institute of Culture Studies and Theatre History:

Johannes Feichtinger | ÖAW

Head of the Division of Nuclear Medicine:

Marcus Hacker | MUW

Nuclear Medicine Pioneer & emeritus Head of the University Clinic of Nuclear Medicine:

Rudolf Höfer | MUW

6 pm **Welcome Reception in honor of the 100th Birthday of Professor Rudolf Höfer**

Laudator & Professor of Internal Medicine:

Michael Weissel | MUW

Sparkling wine & buffet

Sponsored by the Division of Nuclear Medicine, MUW &

the Austrian Society of Nuclear Medicine and Molecular Imaging

7 pm **Guided Tour through the facilities of the Division of Nuclear Medicine, MUW**

TUESDAY, 21 MARCH 2023

Johannessaal, Academy Headquarters, Ignaz-Seipel-Platz 2, Austrian Academy of Sciences

9 am **Introductory Words by the Organizers**

Johannes Mattes | ÖAW – **Cécile Philippe** | MUW – **Maria Rentetzi** | FAU

9:10 am **Session One: Discipline-Building Technologies and Institutions**

Chair: **Gabriella Ivan** | IAEA Archives

Hsiu-yun Wang | National Cheng Kung University, Tainan, Taiwan

Going Nuclear with Colonial Legacy: Dr. Kao Tien-Cheng and Radioactive Iodine in Taiwan, 1950s-1960s

Elina Kochereshchenko | National Research University Higher School of Economics, Moscow, Russia

Soviet Radiation Hygiene: the Creation of the Scientific Discipline in the 1950s-1960s

Loukas Freris | FAU Erlangen-Nuremberg, Germany

“A Peaceful Bomb”: radiotherapy and the emergence of a new professional identity in Greece (1959-1978)

Johannes Mattes | University of Oslo, Norway / Austrian Academy of Sciences & **Cécile Philippe** | Medical University of Vienna

Distinction matters: Therapeutic Isotopes, Imaging Technologies, and Discipline Building of Nuclear Medicine in Cold War Europe

11:30 am LUNCH BREAK

12:40 pm **Session Two: Political, Social, and Gendered Aspects of Knowledge and Technology Exchange**

Chair: **Wolfgang Wadsak** | OGNMB

Maria Rentetzi | FAU Erlangen-Nuremberg, Germany

Diamonds, x-rays, and colonialism: How x-rays moved from the medical practice to the diamond mining industry and back

Sandra Klos | Austrian Academy of Sciences, Vienna

The role of women in early nuclear medicine. Some preliminary findings and discussion points

Mohamed Elsayed | FAU Erlangen-Nuremberg, Germany

Ionizing Radiation in Medicine Under War: Trafficking Medical Radiological Equipment to Ukraine's War Zone

Kapil Patil | FAU Erlangen-Nuremberg, Germany

Building a "Mini Mayo Clinic": Peaceful Atoms, Technical Assistance, and the Evolution of Radiation Medicine Center in India

3 pm COFFEE BREAK

Drinks, canapes & sweets

3:30 pm **Session Three: Safety Issues, Radiation Protection, and the Pharma Industry (hybrid session)**

Chair: Maria Rentetzi | FAU

Kaori Iida | Graduate University for the Advanced Studies, SOKENDAI, Hayama, Japan (online)

Nuclear Medicine and the Bombs: How the new field was developed in Japan and in whose bodies

Hein Brookhuis | KU Leuven & SCK CEN, Belgium (online)

From Big Science to Big Pharma – the development of nuclear medicine at the Belgian Nuclear Research Centre (1990 – 2020)

Mahdi Khelifaoui | Université du Québec à Trois-Rivières, Canada (online)

Tracing the uses of isotopes in scientific and medical communities (1913–1965): A bibliometric approach

Aske Hennelund Nielsen | FAU Erlangen-Nuremberg, Germany

From Radiology to a World-In-Crisis: Rolf Sievert and the re-orientation of the International Radiation Protection Commission in the Post-War Period

5:50 pm SHORT BREAK

6 pm **Concluding Discussion**

7 pm **Joint Dinner in a Viennese Restaurant**