



IMAGING'S
NEXT
CHAPTER:
ILLUMINATED
WITH THE
INTENSITY OF
NATURAL
LIGHT



15th Biennial International
Symposium of the
International Society
for Strategic Studies
in Radiology

IS3R
2023

Berlin/Germany
August 24–26, 2023

Scientific Program

TABLE OF CONTENTS



Letter from the President	4
Letter from the Program Committee Chair	5
About the IS3R	6
IS3R Organization	7
IS3R Gold Medalists	8
Sam Gambhir Innovation Prize Winner	10
Program Overview	11
Scientific Program Schedule	12
Venue	16
Practical Information	17
Social Events	18
Corporate Members	20
List of Participants	21

LETTER FROM THE PRESIDENT



Dear Participants,


On behalf of the Executive Board of the International Society for Strategic Studies in Radiology, I wish you a warm welcome to the 15th Biennial International Symposium of our Society, August 24–26, 2023, in Berlin, Germany. While we met just one year ago in Montreal, the Executive Board thought it was important for us to make up for time lost during the pandemic when we were unable to meet in person. Thus, we wish to reconnect and advance our strategic agenda with another in-person meeting just one year following our last one. Moreover, we are extremely excited that the Executive Board of IS3R has chosen Berlin for the venue of this year's meeting as it ranks among the most interesting cities in Europe.

Preparations for this meeting were confounded by explosion of the gigantic aquarium in the lobby of our original hotel venue, requiring us to scramble to find a new venue for our meeting. I'm greatly appreciative of Katharina and Monika for their tireless efforts to ensure that our plans would not be foiled owing to this unusual disaster.

Many thanks and congratulations to Boris Brkljacic, our Program Committee Chair, and all the members of the Program Committee, who developed an exciting and stimulating program. Among many cutting-edge topics, we will explore the barriers to dissemination and impact of various cutting-edge technologies as well as incentives for market adoption, leveraging input from both academia and industry collaborators.

As my IS3R presidency draws to a close, I would like to thank the members of the Executive Board for their tremendous contributions over the past two years. I am particularly indebted to Drs. Luis Donoso and Michael Recht who adjusted the timing and content of the Montreal meeting during the first year of my presidency, and to Boris Brkljacic for his help in planning the Berlin program in the second year of my presidency. I would like to personally thank all our members and our corporate partners for their support and encouragement. I have no doubt that our society will continue to flourish under the guidance of our incoming President, Stefan Schoenberg; please join me in pledging our support to Stefan as he embraces his new role.

Best regards,


James A. Brink, MD
IS3R President

LETTER FROM THE PROGRAM COMMITTEE CHAIR



Dear Colleagues,

On behalf of the Program Committee, I am honoured to welcome you to our 15th Biennial International symposium on August 24-26, 2023, in Berlin, Germany.

Only eleven months have passed since our last symposium, and our Program Committee has worked hard to select a combination of novel and contemporary, yet highly pertinent topics in our profession, including academic-industry relationships, artificial intelligence, precision imaging and targeted therapy, workforce challenges, value-based radiology, clinical adoption of new imaging technologies, the impact of environmental, social and governance movement on radiology, and post-pandemic evolution of education and congresses.

I am looking forward to a thought-provoking meeting in a friendly atmosphere with lively discussions between leaders in radiology and industry. Our program includes lectures, panel discussions, and open discussions as part of every session.

The first session on academic-industry relationships and their importance to the future of our discipline will start out with a keynote on the collaboration between imaging companies and radiologic departments in the new era of imaging. The second session will concentrate on the topic of post-pandemic workforce challenges and changes with a second keynote about the impact of changing workforce on large integrated health care system. In this session, we will explore the consequences for industry and the role of virtualization. The third session is dedicated to artificial intelligence introduced by a keynote on how close comprehensive AI solutions in radiology are. We will dive into discussions on data access challenges, algorithm robustness, AI business models, and ethical challenges. Session four on value-based radiology will deliver an update on the IS3R VBR strategic plan and prioritized tactics along with views of different continental societies. The last session of the day is our IS3R Sam Gambhir Innovation Prize Award Session.

The second day will start with the fifth session on precision imaging and targeted therapy featuring the fourth keynote on the molecular brain imaging in neurodegenerative diseases. In this session, we will deliberate novel imaging and therapeutic strategies in prostate cancer, colorectal cancer, future theranostic applications, imaging in the era of liquid biomarkers, as well as network analysis in oncology and integrated diagnostics. We will also cover targeted therapy with IR, percutaneous endoscopic imaging and navigational guidance systems for tumor ablations and explore the role of academic-industry relationships in multidisciplinary precision imaging research. With the sixth session dedicated to the environmental, social, governance (ESG) movement, we will zoom in on the environmental concerns, health equity, access to cancer screening in under-resourced environments, opportunistic screening and techquity, as well as leadership issues and how industry and academia should respond to the ESG mandate.

On the third and the last day of the meeting, we will start with the highly relevant seventh session on the clinical adoption of new imaging technologies and discuss where the industry should move in the future. In this session, industry and academia representatives will present their views on the next steps in digital, CT, MRI, ultrasound, and molecular imaging. We will address the issue of maintenance of imaging equipment and debate new technologies that are likely to be disruptive over the next five to ten years. The last, eighth session of the meeting, is dedicated to post-pandemic education and congresses weighing in-person versus remote training and presenting the views of the RSNA and ESR about the implications on future congresses and meetings.

I want to extend my gratitude to the entire Program Committee and IS3R president Jim Brink for their hard work and efforts to organize the meeting as well as to the IS3R Office and the IS3R Board for their support. Finally I would like to thank all speakers, panellists and moderators for their invaluable contributions which will make this meeting successful.

Sincerely,

A handwritten signature in black ink, appearing to read 'Boris Brkljadic'.

Boris Brkljadic, MD, PhD
IS3R Program Committee Chair

ABOUT THE IS3R

Vision of the IS3R

The IS3R shapes and guides the future of diagnostic and therapeutic imaging for the benefit of patients, our discipline and society as a whole.

Mission of the IS3R

The mission of the IS3R is to actively shape the future of medical imaging and image-guided therapies by leveraging the knowledge and influence of world leaders in these disciplines and in related industries. By assessing the potential impact of disruptive innovations on global healthcare, the IS3R aims to inform and guide clinical practice, medical science and health-care policy.

IS3R Executive Board

PRESIDENT

[James Brink](#) (Boston/US)

PAST PRESIDENT

[Luis Donoso](#) (Barcelona/ES)

PRESIDENT-ELECT

[Stefan Schönberg](#) (Mannheim/DE)

VICE PRESIDENT

[Thomas M. Grist](#) (Madison/US)

TREASURER

[Ralph Weissleder](#) (Boston/US)

SECRETARY

[Zheng Yu Jin](#) (Beijing/CN)

COMMITTEE CHAIRS

PUBLICATION COMMITTEE

[Michael Recht](#) (New York/US)

MEMBERSHIP & NOMINATING COMMITTEE

[Fiona Gilbert](#) (Cambridge/UK)

BY-LAWS & RULES COMMITTEE

[Pek-Lan Khong](#) (Singapore/SG)

CORPORATE ADVISORY BOARD

[Michael Fuchsjaeger](#) (Graz/AT)

PROGRAM COMMITTEE

[Boris Brkljacic](#) (Zagreb/HR)

COMPLIANCE COMMITTEE

[Deniz Akata](#) (Ankara/TR)

AWARDS & HONOURS COMMITTEE

[Luis Donoso](#) (Barcelona/ES)

EMERGING LEADERS CLUB COMMITTEE

[Gabriel Krestin](#) (Rotterdam/NL)

EXECUTIVE BOARD MEMBERS AT LARGE

[Christopher Hess](#) (San Francisco/US)

[Hedvig Hricak](#) (New York/US)

[Bhavin Jankharia](#) (Mumbai/IN)

[Federico Lubinus](#) (Bucaramanga/CO)

[Katrine Riklund](#) (Umea/SE)

Committees

PROGRAM COMMITTEE

Chair

Boris Brkljacic (Zagreb/HR)

Co-Chair

James Brink (Boston/US)

Members

Deniz Akata (Ankara/TR)

Carlo Catalano (Rome/IT)

Fiona Gilbert (Cambridge/UK)

Thomas Grist (Madison/US)

Pek-Lan Khong (Singapore/SG)

Rahel Kubik (Baden/CH)

Mary Mahoney (Cincinnati/US)

Michael Recht (New York, US)

Geoff Rubin (Tucson/US)

Valerie Vilgrain (Paris/FR)

Advisors

Hedvig Hricak (New York/US)

Gabriel Krestin (Rotterdam/NL)

PUBLICATIONS COMMITTEE

Chair

Michael Recht (New York/US)

Co-Chair

Bhavin Jankharia (Mumbai/IN)

Members

Giles Boland (Boston/US)

James Brink (Boston/US)

Boris Brkljacic (Zagreb/HR)

Hersh Chandarana (New York/US)

N. Reed Dunnick (Ann Arbor/US)

Fiona Gilbert (Cambridge/UK)

Christopher Hess (San Francisco/US)

Herbert Kressel (Boston/US) – ex officio

Rahel Kubik (Baden/CH)

Mary Mahoney (Cincinnati/US)

Barbara McNeil (Boston/US)

Yves Menu (Paris/FR)

Etta Pisano (Boston/US)

Katrine Riklund (Umeå/SE)

MEMBERSHIP & NOMINATING COMMITTEE

Chair

Fiona Gilbert (Cambridge/UK)

Co-Chairs

Federico Lubinus (Bucaramanga/CO)

Katrine Riklund (Umeå/SE)

Members

Geraldine McGinty (New York/US)

Paul Parizel (Perth/AU)

Jacob Sosna (Jerusalem/IL)

BY-LAWS & RULES COMMITTEE

Chair

Pek-Lan Khong (Singapore/SG)

Members

Christian Herold (Vienna/AT)

Bernd Hamm (Berlin/DE)

Christiane Kuhl (Aachen/DE)

Barbara McNeil (Boston/US)

CORPORATE ADVISORY BOARD COMMITTEE

Chair

Michael Fuchsjaeger (Graz/AT)

Co-Chair

Christopher Hess (San Francisco/US)

Members

Giovanni Cerri (Sao Paulo/BR)

Luis Donoso (Barcelona/ES)

Zeng Yu Jin (Beijing/CN)

Christiane Kuhl (Aachen/DE)

Carolyn Meltzer (Atlanta/US)

Konstantin Nikolaou (Tuebingen/DE)

Michael Recht (New York/US)

Etta Pisano (Boston/US)

Stefan Schönberg (Mannheim/DE)

Andrew Scott (Melbourne/AU)

COMPLIANCE COMMITTEE

Chair

Deniz Akata (Ankara/TR)

Members

Ulrike Attenberger (Bonn/DE)

Olivier Clément (Paris/FR)

Kofoworola Soyebi (Lagos/NG)

Ralph Weissleder (Boston/US)

AWARDS & HONOURS COMMITTEE

Chair

Luis Donoso (Barcelona/ES)

Members

James Brink (Boston/US) – ex officio

Zheng Yu Jin (Beijing/CN)

Carolyn Meltzer (Atlanta/US)

Stefan Schönberg (Mannheim/DE)

EMERGING LEADERS CLUB COMMITTEE

Chair

Gabriel Krestin (Rotterdam/NL)

Co-Chair

Hedvig Hricak (New York/US)

Members

Carlo Catalano (Rome/IT)

Christopher Hess (San Francisco/US)

Geraldine McGinty (New York/US)

Konstantin Nikolaou (Tuebingen/DE)

Mitchell Schnall (Philadelphia/US)

Noriyuki Tomiyama (Osaka/JP)

Valérie Vilgrain (Clichy/FR)

Administration

IS3R OFFICE

Monika Hierath & Katharina Krischak

Am Gestade 1, 1010 Vienna, AUSTRIA

Phone: +43-1-533-4064-20

E-mail: office@is3r.org

www.is3r.org

IS3R GOLD MEDAL



Gabriel P. Krestin

Dr. Gabriel P. Krestin will be awarded the 2023 Alexander Margulis Gold Medal at the 15th IS3R Biennial Symposium.

Dr. Krestin is emeritus professor of Radiology at Erasmus MC, University Medical Center Rotterdam, the Netherlands. He is presently board member and advisor to companies in the field of medical technology.

Dr. Krestin was born in Romania and emigrated to Germany in 1974. He graduated in medicine at the University of Cologne in Germany in 1981 and completed residency training in radiology in 1988 and his PhD thesis (Habilitation) in 1989 at the same institution. In 1990 Dr. Krestin moved to the Department of Radiology at the University Hospital in Zürich, Switzerland where he became associate professor and later full professor of radiology and head of the clinical radiology service. Between 1995 and May 1997 he was the acting chair of the same department before he moved to Rotterdam to become professor and chair of the Department of Radiology and later of the Department of Radiology & Nuclear Medicine at Erasmus MC in Rotterdam, the Netherlands. Between 1998 and 2010 he was a permanent Visiting Professor at Stanford University Medical School. Between 2012 and 2021 Dr. Krestin was the Chair of the Division Diagnostics & Advise at Erasmus MC and member of the Managing Board of the medical staff. Between 2017 and 2018 he was also the interim head of the hospital pharmacy department. He retired from his chair position by the end of 2021.

Dr. Krestin is a member of numerous national and international societies. He served as President of ESMRMB, ESR, and IS3R (2013-2017), and served on the editorial and advisory boards of numerous international journals. He was the Couch-Kerley Traveling Professor to the Royal College of Radiologists in the UK in 2003, he received the Albers Schönberg Medal of DRG, the Schinz Medal of the Swiss Society of Medical Radiology and the Gold Medals of the European Society of Radiology and of the Asian-Oceanian Society of Radiology. He was the recipient of the International Prize for Arts and Culture “Sebetia-ter” of the President of the Italian Republic, and was awarded the honorary membership of the Hungarian, Italian, Belgian, Spanish, Swiss, French, Colombian, Romanian, Serbian, North American (RSNA), Israeli, and Chinese Societies of Radiology as well as the Honorary Membership of ESMRMB and of the SAR. Dr. Krestin is an honorary fellow of the American College of Radiology and of the Royal College of Radiologists in the UK. In October 2017 he was elected to the National Academy of Medicine (US). In 2021 he was named the most influential radiology researcher in Europe by AuntMinnie and in 2022 he became a knight in the order of the Dutch Lion.

He is author of over 470 original articles and over 70 book chapters, and editor of 7 books some of which have been translated in several languages. His main areas of research are imaging of abdominal organs and cardio-vascular diseases, molecular imaging and population imaging. His research was supported by numerous grants from European and national research organizations, charities and industry.

Dr. Krestin has extensive experience in leadership, management, and strategic planning. He was founder of MIR (Management in Radiology) and of EIBIR (the European Institute of Biomedical Imaging Research) and was its Scientific Director from 2014-2023. He was a strategic advisor to GE Healthcare Europe and member of numerous scientific advisory boards to companies and academic organizations among which the Scientific Board of the Ludwig Maximilian University in Munich, the Board of Governors and Academic Committee of the Technion Institute in Israel, and the Wallenberg Foundation in Sweden. Dr. Krestin was a member of the Scientific Panel for Health, the highest advisory committee to the EC during Horizon2020.

Dr. Krestin founded and successfully exited Quantib BV an AI company in the field of image analysis. He is presently a Board member of FLUIDDA NV, of LeQuest BV, and of Holand PTC, and a senior strategic advisor to Bracco S.p.A., to GLEAMER-AI, NanoX-Vision, and Synaptive Medical. He also advises VC and PE companies in Germany and the Netherlands.

IS3R GOLD MEDAL



Hedvig Hricak

Dr. Hedvig Hricak will be awarded the 2023 Alexander Margulis Gold Medal at the 15th IS3R Biennial Symposium.

Dr. Hricak holds the Carroll and Milton Petrie Chair of Radiology at Memorial Sloan Kettering Cancer Center (MSK), New York, NY. She is a member of the Department of Radiology at Memorial Hospital and is also a member of the Molecular Pharmacology and Chemistry Program of Sloan Kettering Institute, Professor, Gerstner Sloan Kettering Graduate School of Biomedical Sciences, and Professor of Radiology, Weill Cornell College of Medicine, New York, NY.

Born in Croatia, Dr. Hricak earned her medical degree from the University of Zagreb. Following her residency and a brief period on the faculty at Henry Ford Hospital in Detroit, MI, she joined the faculty of the University of California, San Francisco (UCSF), where she became a professor of radiology, radiation oncology, urology, and gynecology. While at UCSF, she earned her Dr. Med. Sc./Ph.D. from the Karolinska Institute in Stockholm, Sweden. In 1999, she joined the faculty of MSK as Chair of the Department of Radiology, a position she held for more than two decades. Under her leadership, the department continued to advance the field of oncologic imaging through cutting-edge research, education, and clinical care and became one of the top ten radiology departments in the United States with regard to funding received from the National Institutes of Health.

A highly prolific author, Dr. Hricak has published over 500 peer-reviewed original research articles, reviews, and editorials, as well as numerous books and book chapters. Her academic career has focused on developing, translating, and disseminating new diagnostic imaging techniques, primarily for genitourinary cancers. The imaging applications she helped develop include the use of ultrasound, MRI and CT for gynecological cancers, and the use of MRI and MR spectroscopy for prostate cancer. She is actively engaged in facilitating the development and implementation of integrated diagnostics in oncology. In addition, through her work with The Lancet Oncology Commissions, the International Atomic Energy Agency and the Breast Cancer Research Foundation, she is involved in global health initiatives to improve access to cancer imaging and care.

Over the course of her career, Dr. Hricak has trained and mentored countless radiologists and researchers, many of whom have gone on to hold leadership positions at prestigious institutions in the United States and around the world. She continues to help train and mentor a wide range of individuals, from high school and undergraduate students to fellows and faculty, and she is heavily involved in efforts to increase diversity in the biomedical research workforce pipeline.

Dr. Hricak's many leadership roles have included President of the Radiological Society of North America (RSNA), President of the Academy for Radiology & Biomedical Imaging Research, and President of the International Society for Strategic Studies in Radiology. She is an elected member of the National Academy of Medicine (NAM), from which she received the David Rall Medal for Distinguished Leadership (she remains the only radiologist to have received this prestigious leadership award). She has also served on the Nuclear and Radiation Studies Board of the National Academies, the Scientific Advisory Board of the National Cancer Institute, and the Advisory Council of the National Institute of Biomedical Imaging and Bioengineering, and she is currently a member of the National Cancer Policy Forum of the National Academies.

In recognition of her research accomplishments and leadership in promoting education and international collaboration to advance cancer imaging, Dr. Hricak has received numerous awards and honors, including the gold medals of the RSNA, the European Society of Radiology, the Asian Oceanian Society of Radiology, and the International Society for Magnetic Resonance in Medicine and 22 honorary fellowships or memberships from societies on five continents. She has also received the Order of the Croatian Morning Star of Katarina Zrinska Presidential Award of Croatia and holds honorary doctorates from the Ludwig Maximilian University, Munich, Germany and the University of Toulouse III, Paul Sabatier, Toulouse, France.

IS3R SAM GAMBHIR INNOVATION PRIZE



Martin Pomper

The IS3R Sam Gambhir Innovation Prize 2023 has been awarded to Dr. Martin Pomper, Henry N. Wagner, Jr., M.D. Professor and Director of the Division of Nuclear Medicine and Molecular Imaging within the Russell H. Morgan Department of Radiology and Radiological Science at the Johns Hopkins University School of Medicine, for his outstanding achievements identifying new molecular imaging techniques and theranostics, particularly regarding small-molecule imaging and therapeutic agents targeting the prostate-specific membrane antigen (PSMA). His groundbreaking work has led to the direct identification and FDA approval of DCFPyL (PYLARIFY®) – a PET radiopharmaceutical that is used to image prostate cancer in hundreds of thousands of men annually.

Dr. Pomper received his undergraduate, graduate (organic chemistry), and medical degrees from the University of Illinois at Urbana-Champaign. His postgraduate medical training was at Johns Hopkins and included an internship (Osler Medical Service), residencies (diagnostic radiology and nuclear medicine), and fellowship (neuroradiology). He has been on the faculty at Johns Hopkins since 1996, where he delved into research, focusing his efforts on molecular imaging techniques.

In 2007, he became a Professor of Radiology at the Russell H. Morgan Department of Radiology and Radiological Science at Johns Hopkins School of Medicine. Since 2015, Dr. Pomper has served as Director of the Division of Nuclear Medicine and Molecular Imaging, and since 2016, he has held the Henry N. Wagner, Jr. M.D. Professorship of Nuclear Medicine. He is the inaugural recipient of the William R. Brody Professor of Radiology, a professorship designated for a radiologist physician-scientist who excels in translational innovation in imaging. Moreover, Dr. Pomper became the Associate Dean for Entrepreneurship and Technology Development in 2019 responsible for promoting entrepreneurship within the Johns Hopkins School of Medicine, and is involved in several commercial enterprises.

Dr. Pomper's extraordinary contributions to the field have been widely recognized and honored with numerous accolades, including prestigious awards and fellowships. He is the immediate past President of the Society of Nuclear Medicine's Molecular Imaging Center of Excellence and Editor-in-Chief of the journal *Molecular Imaging*. In 2017, he was elected to the National Academy of Medicine. His prolific publication record includes more than 480 peer-reviewed articles and book chapters, cementing his reputation as a leading authority in the field of molecular imaging.

Throughout his career, Dr. Pomper has pioneered the application of cutting-edge imaging technologies in various fields, including oncology, neurology, and cardiology. His groundbreaking research on targeted molecular imaging agents has enabled non-invasive assessment of tumor biology and response to therapy, revolutionizing cancer treatment. A distinguished researcher and visionary leader, Dr. Pomper has consistently pushed the boundaries of scientific knowledge, making significant breakthroughs that have transformed the landscape of radiology and improved patient care.

The IS3R Sam Gambhir Innovation Prize was established in 2021 to honor the groundbreaking accomplishments and visionary leadership of the late Prof. Sam Sanjiv Gambhir (1962-2020). It is awarded to outstanding innovators who made breakthrough innovations in the field of biomedical imaging with clear societal impact.

PROGRAM OVERVIEW

Thursday, August 24

8:00 Opening and Welcome

8:10 **SESSION I:
ACADEMIC-INDUSTRIAL
COLLABORATION**

KEYNOTE LECTURE 1

Collaboration of Imaging Companies and Radiology Departments in the new Era of Imaging (B. Montag)

8:40 **SESSION II:
CHANGING WORKFORCE –
FROM THE GREAT RESIGNATION
TO QUIET QUITTING**

KEYNOTE LECTURE 2

Impact on large Integrated Healthcare Systems (M. Recht)

PANEL DISCUSSION 1

How can Virtualization assist or hinder Workforce Challenges?

10:35 **SESSION III:
ARTIFICIAL INTELLIGENCE**

KEYNOTE LECTURE 3

How close are comprehensive AI Solutions? (J. Sosna)

PANEL DISCUSSION 2

Realization of Value from AI in Multiple Domains

14:00 **SESSION IV:
VALUE-BASED RADIOLOGY**

15:45 **IS3R SAM GAMBHIR INNOVATION
PRIZE AWARD SESSION**

16:15 IS3R General Assembly
(members only)

Friday, August 25

8:00 **SESSION V:
PRECISION IMAGING/
TARGETED THERAPY**

KEYNOTE LECTURE 4

Molecular Brain Imaging in Neurodegenerative Diseases: An Exemplar for Biomarker Discovery and clinical Translation (A. Nordberg)

PANEL DISCUSSION 3

Multidisciplinary Precision Imaging Research – Role of Academic/ Industry Relationships

13:25 **SESSION VI:
ENVIRONMENTAL, SOCIAL,
GOVERNANCE (ESG) MOVEMENT**

PANEL DISCUSSION 4

How should Imaging Industry and Academia respond to the ESG Mandate, and what potential Partnerships should be explored?

Saturday, August 26

8:00 **SESSION VII:
CLINICAL ADOPTION OF NEW
IMAGING TECHNOLOGIES AND
WHERE INDUSTRY SHOULD
MOVE IN THE FUTURE**

PANEL DISCUSSION 5

What new Technologies are likely to be disruptive over the next 5 to 10 Years, and how will the Industry respond?

12:10 **SESSION VIII:
EDUCATION/CONGRESSES,
POST-PANDEMIC**

13:00 Closing

SCIENTIFIC PROGRAM SCHEDULE

Thursday, August 24

8:00 Opening and Welcome

SESSION I: ACADEMIC-INDUSTRIAL COLLABORATION

Moderators: *B. Brkljacic, D. Enzmann*

8:10 **KEYNOTE LECTURE 1**
Collaboration of Imaging Companies and Radiology Departments in the new Era of Imaging
B. Montag

8:30 Open Discussion

SESSION II: CHANGING WORKFORCE – FROM THE GREAT RESIGNATION TO QUIET QUITTING

Moderators: *N. Dunnick, M. Schweiger*

8:40 **KEYNOTE LECTURE 2**
Impact on large Integrated Healthcare Systems
M. Recht

9:00 **Consequences for Industry**
R. Mather

9:15 **PANEL DISCUSSION 1**
How can Virtualization assist or hinder Workforce Challenges?
Moderators: *A. Scott, F. Lubinus*
Panelists: *H. Thoeny, B. McNeil, C. Niehaus, R. Illing, N. Stefani*

9:55 Open Discussion

10:15 Coffee Break

SESSION III: ARTIFICIAL INTELLIGENCE

Moderators: *R. Pettigrew, Z.Y. Jin*

10:35 **KEYNOTE LECTURE 3**
How close are comprehensive AI Solutions?
J. Sosna

10:55 **Have data access challenges been overcome?**
K. Dreyer

11:05 **Are algorithms sufficiently robust? How do we mitigate against temporal degradation?**
O. Pianykh

11:15 **Are algorithms sufficiently robust? How close are continuous learning solutions?**
L. Martí-Bonmatí

11:25 **What ethical challenges are looming with AI and how will they be overcome?**
A. Brady

11:35 **How will various AI business models affect AI adoption and success?**
S. Schönberg

11:45 Open Discussion

12:05 **PANEL DISCUSSION 2**
Realization of Value from AI in Multiple Domains
Where is AI likely to bring the greatest value to radiology, considering appropriateness, quality, service, cost and waste?
Moderators: *G. Rubin, W. Niessen*
Panelists: *E. Morris, G. Cerri, P. Chang, T. Kass-Hout, M. McHugh*

12:45 Open Discussion

13:00 Lunch

SESSION IV: VALUE-BASED RADIOLOGY

Moderators: *C. Buchpiguel, G. Krestin*

14:00 **IS3R Update: VBR Strategic Plan and Prioritized Tactics – Progress to Date**
J. Brink

Society Updates on VBR Activities

14:10 **RSNA**
M. Mauro

14:20 **ESR**
A. Rockall

14:30 **ACR**
J. Bello

14:40 **AOSR**
N. Tomiyama

14:50 **European Evaluation of CT Justification (EU-CT-JUST)**
B. Brkljacic

15:05 Open Discussion

15:25 Coffee Break

15:45 **IS3R SAM GAMBHIR INNOVATION PRIZE AWARD SESSION**
Small-molecule Targeting of PSMA for Life
M. Pomper

16:15 **IS3R General Assembly (members only)**

SCIENTIFIC PROGRAM SCHEDULE

Friday, August 25

SESSION V: PRECISION IMAGING/TARGETED THERAPY

Moderators: B.-I. Choi, R. Garcia Monaco

- 8:00 KEYNOTE LECTURE 4
Molecular Brain Imaging in Neurodegenerative Diseases: An Exemplar for Biomarker Discovery and clinical Translation
A. Nordberg
- 8:20 Prostate Cancer Imaging & Treatment: Strategies to enable novel diagnostic and therapeutic techniques to flourish
H. Hricak
- 8:35 Colorectal Tumor Imaging/Treatment: What strategies will enable novel diagnostic and therapeutic techniques to flourish?
R. Beets-Tan
- 8:50 Future Theranostic Applications: Which diseases hold the greatest promise?
J. Lewis
- 9:05 Imaging in the era of liquid biomarkers: How will imaging continue to add value?
M. Mayerhöfer
- 9:20 Network analysis in oncology: How will integration of omics data with imaging biomarkers affect outcomes?
C. Catalano
- 9:35 Integrated diagnostics: How will integration of pathology/laboratory data with imaging affect future diagnostic capabilities?
M. Schnall
- 9:50 Open Discussion

10:10 Coffee Break

SESSION V (CONT.)

Moderators: B. Hargreaves, G. Langs

- 10:30 Targeted therapy with IR: How does IR continue to differentiate and add value, distinct from other minimally invasive targeted therapies?
S. Solomon
- 10:45 Percutaneous Endoscopic Imaging, including Multispectral Imaging: Does this blur the lines with other endoluminal specialties and potentially supplement or replace tissue sampling?
R. Weissleder
- 11:00 Navigational guidance systems for interventions and tumor ablations: How will automation affect the performance of imaged-guided interventional procedures?
R. Uppot

11:15 Open Discussion

-
- 11:35 PANEL DISCUSSION 3
Multidisciplinary Precision Imaging Research – Role of Academic/ Industry Relationships
Moderators: T. Grist, C. Kuhl
Panelists: R. Kubik, G. Gold, A. Hartung, A. Spinazzi, C. Herold

12:15 Open Discussion

12:35 Lunch

SESSION VI: ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) MOVEMENT

Moderators: A. Norbash, V. Sinitsyn

- 13:25 ESG Overview: To what extent should radiology practice embrace ESG concepts?
K. DeStigter
- 13:40 Environmental Impact: What sustainability measures are within reach, and how should equipment manufacturers and radiology departments collaborate to achieve them?
C. Hess
- 13:55 Health Equity – What is the responsibility of radiologists and equipment manufacturers to ensure that imaging care is delivered equitably among the socio-economically disadvantaged?
G. McGinty

- 14:10 Is access to cancer screening uniform among under-resourced environments?
F. Gilbert
- 14:25 Opportunistic Screening – What are the potential benefits and harms of this approach?
P. Pickhardt
- 14:40 Techquity: What impact does access to personal computing and communication devices have on health equity and what steps may be taken to equalize this variable?
B. Jankharia

14:55 Open Discussion

15:15 Coffee Break

SESSION VI (CONT.)

Moderators: H. Chandarana, M. Vernooij

- 15:35 Closed Loop Follow-Up: How can we keep patients with follow-up recommendations from falling through the cracks?
G. Boland
- 15:50 Leadership Diversity: What benefits come from insuring diversity in our governance structures and how do we ensure our leadership teams are sufficiently diverse?
D. Akata
- 16:05 PANEL DISCUSSION 4
How should Imaging Industry and Academia respond to the ESG Mandate, and what potential Partnerships should be explored?
Moderators: R. Ehman, F. Gallagher
Panelists: M. Fuchsjäger, K. Soyebi, N. Beauchamp, A. Eble, J. Bundy

16:45 Open Discussion

17:05 Adjourn

SCIENTIFIC PROGRAM SCHEDULE

Saturday, August 26

SESSION VII: CLINICAL ADOPTION OF NEW IMAGING TECHNOLOGIES AND WHERE INDUSTRY SHOULD MOVE IN THE FUTURE

Moderators: C. Claussen, P.-L. Khong

What are the barriers to dissemination and impact? What are the incentives for market adoption?

- 8:00 Where do we go from here in Digital (better integration of imaging data with EMR)?
J. Makela
- 8:15 Where do we go from here in CT (cardiac CT, photon counting CT)? – Industry Perspective
P. Fischer
- 8:30 Where do we go from here in CT (cardiac CT, photon counting CT)? – Academic Perspective
M. Prokop
- 8:45 Where do we go from here in MRI (portable, low-field, high-gradient high-field) – Industry Perspective
P. Chang
- 9:00 Where do we go from here in MRI (portable, low-field, high-gradient high-field) – Academic Perspective
K. Nikolaou
- 9:15 Open Discussion

SESSION VII (CONT.)

Moderators: E. Pisano, J. Debatin

- 9:30 Where do we go from here in ultrasound (point-of-care) – Academic Perspective
M. Bredella
- 9:45 Where do we go from here in ultrasound (point-of-care) – Industry Perspective
J. Dmitrieva
- 10:00 Molecular Imaging (whole body PET-CT, PET-MRI) – Where are we heading?
K. Riklund
- 10:15 Molecular Imaging (Theranostics) – Where are we heading?
K. Herrmann
- 10:30 Service – The hidden cost: Maintenance of Imaging Equipment – how do we make machines more reliable and service faster?
B. Hamm
- 10:45 Open Discussion
-
- 11:00 Coffee Break
-
- 11:20 **PANEL DISCUSSION 5**
What new Technologies are likely to be disruptive over the next 5 to 10 Years, and how will the Industry respond?
Moderators: L. Moy, O. Clement
Panelists: U. Attenberger, H. Xue, A. Tran, M. Harsh, P. Arduini
- 12:00 Open Discussion

SESSION VIII: EDUCATION/ CONGRESSES, POST-PANDEMIC

Moderators: N. Bryan, J. Gichoya

- 12:10 In-person vs. remote training – how are our training methods evolving, post-pandemic?
H. Vargas

Implications for professional societies, congresses, meetings

- 12:20 RSNA perspective
V. Rao
- 12:30 ESR perspective
V. Vilgrain
- 12:40 Open Discussion

13:00 Closing

13:10 Farewell Lunch



Hotel Information

Grand Hyatt Berlin

Marlene-Dietrich-Platz 2

10785 Berlin

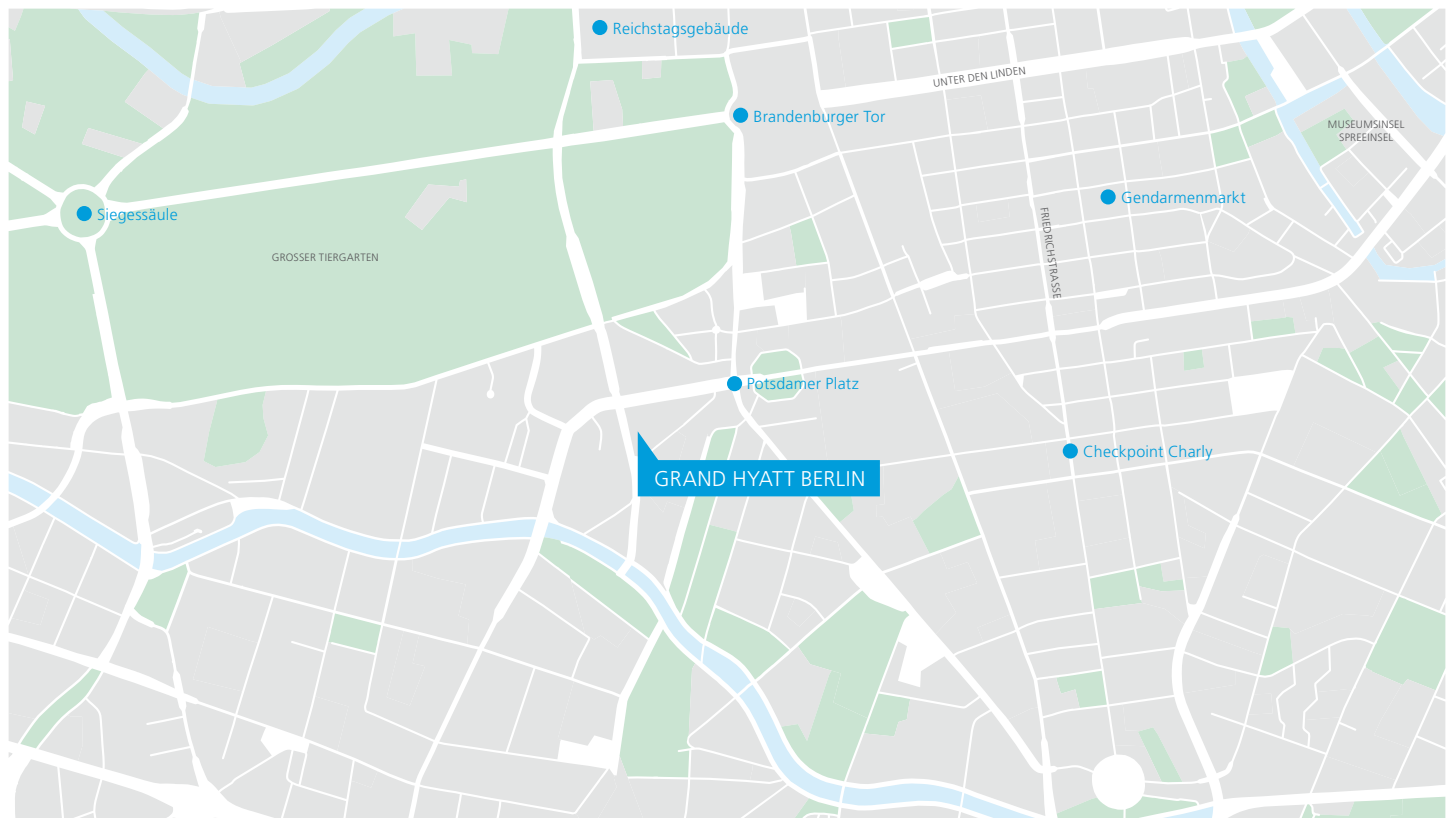
Germany

Email: berlin.grand@hyatt.com

Phone: +49 30 2553 1234

Web: www.grandhyattberlin.com

Nestled in the heart of Berlin's dynamic Potsdamer Platz, the Grand Hyatt Berlin is a luxurious oasis for discerning travelers. With the iconic Brandenburg Gate just a stone's throw away, the hotel is ideally situated for exploring the city's rich cultural heritage, from the legendary Checkpoint Charlie Museum to the magnificent Berlin Philharmonic. The hotel's prime location also provides easy access to the city's best shopping, dining and entertainment venues. The Grand Hyatt Berlin boasts a range of world-class amenities, including a state-of-the-art fitness center, a tranquil spa and a stunning rooftop terrace with panoramic views of the city.



PRACTICAL INFORMATION

Certificate of Attendance

Participants who would like to receive a certificate certifying their attendance at the symposium are encouraged to request one from the registration desk (located outside the main lecture hall) before adjournment.

Credit Cards/Currency Exchange

Major Credit Cards are accepted (Mastercard, Visa, Amex). The closest ATM is located at the Sparda Bank on Potsdamer Platz (5 min walk).

Insurance

Neither the IS3R nor the symposium organizers can accept liability for personal injury, or loss/damage to property, personal or otherwise, belonging to meeting participants or accompanying persons, either during or as a result of the symposium or during all tours or their stay in Berlin. Participants and accompanying persons should ensure that their own personal health, accident and/or travel insurance are up-to-date and valid for use in Germany.

Meals

Buffet breakfast will be provided in the VOX Restaurant on the ground floor of the hotel during the symposium (August 24–26). Coffee breaks and business lunch buffet will be provided in the Foyer outside the main lecture hall (Grand Ballroom A). Thank you for your understanding that the IS3R does not provide breakfast, lunch, and coffee breaks for accompanying persons.

Official Language

English (no translation of the meeting will be provided).

Recording

Audio or video recording any part of the symposium without prior express permission is prohibited.

Registration Desk

Staff at the symposium registration desk will be available on Wednesday evening from 16:00–18:00, as well as during the symposium hours from Thursday to Saturday. The registration desk is located in the Foyer outside the main lecture hall (Grand Ballroom A). Upon registration, participants are moreover asked to complete a conflict-of-interest form and sign a presentation release consent form for archiving purposes and use in pdf format in the protected members area on the IS3R website.

Smoking Policy

The meeting venue and hotel rooms are fully non-smoking.

Speaker Ready Room

Speakers are kindly requested to upload their presentation at the Speaker Ready Room located in Room Jose Rafael Moneo on the convention floor at least 90 minutes before the session starts.

Tourist Information

The Grand Hyatt team will be happy to assist you with local information for sightseeing in Berlin, booking optional tours or taxi rides, making dinner reservations or any questions regarding your accommodations. Please contact the concierge desk.

SOCIAL EVENTS

WEDNESDAY 7:00–8:30 p.m.

Welcome reception at the Grand Hyatt Berlin. Drinks and light hors d'oeuvres will be served in the Foyer on the event floor (outside the main meeting room Grand Ballroom A).
Dress code: Smart casual



THURSDAY at 6:30 p.m.

Cocktails and dinner will be held at the Spreespeicher. Nestled in Berlin's creative media district, this extraordinary venue offers breathtaking views of the historic Oberbaumbrücke and the serene Spree River. The Spreespeicher offers the immersion in the allure of Berlin while savoring a delectable dinner prepared with the finest local ingredients. Its charming atmosphere pays homage to the city's essence, creating an unforgettable dining experience.
Dress code: Business casual attire, jacket not required

Meeting point for bus transport is in the hotel foyer on the ground floor at 5:45 p.m.



FRIDAY at 6:30 p.m.

The IS3R Gold Medal Dinner will be held at the Great Orangery in Charlottenburg Palace. With its magnificent baroque architecture and the expansive 2,000 sqm terrace, where Prussian electors and kings once reveled, the charm of feudal Prussia can be experienced up close at the Great Orangery. The Orangery was erected over 300 years ago and today is one of the most magnificent event locations in Berlin where every moment becomes an extraordinary occasion. It offers a royal dining experience where you can indulge in refined hospitality and savor a culinary extravaganza that blends tradition and modernity.
Dress code: Dinner attire, jacket required

Meeting point for bus transport is in the hotel foyer on the ground floor at 5:45 p.m.



Please note that pre-registration to all social events was required. If your plans have changed, kindly notify the registration desk at your earliest convenience.



CORPORATE MEMBERS

PLATINUM

Canon Medical Systems Corporation
 GE HealthCare
 Olea Medical
 Philips Healthcare
 Siemens Healthineers



GOLD

Affidea
 Alliance Medical Group
 Annalise-AI Inc.
 AWS Healthcare
 Bayer Healthcare LLC
 Bracco-Diagnostics Inc.
 Time Medical System
 United Imaging Healthcare Solutions



SILVER

AGFA HealthCare
 Laboratoire Guerbet, SA
 Nuance Communications, Inc.
 Quibim
 Sectra AB



LIST OF PARTICIPANTS

Anjum Ahmed

Global Chief Medical Officer
AGFA HealthCare
Mississauga/CA

Deniz Akata

Professor, Chief of Abdominal and Urogenital Radiology
Hacettepe University School of Medicine
Ankara/TR

Bibb Allen

President International Society of Radiology
Grandview Medical Center
Birmingham, AL/US

Peter Arduini

President and CEO
GE HealthCare
Chicago, IL/US

Ulrike Attenberger

Professor and Chair
Universitätsklinik Bonn
Bonn/DE

Amanda Baccarini

Chief Marketing Officer
Bracco
Milan/IT

Peter Baierl

Executive Director
European Society of Radiology
Vienna/AT

Lisa Baird

CEO
World Molecular Imaging Society
Culver City, CA/US

Norman Beauchamp

Executive Vice President
Michigan State University
East Lansing, MI/US

Regina Beets-Tan

Chair Department of Radiology
Netherlands Cancer Institute
Amsterdam/NL

Jacqueline Bello

Chair, ACR Board of Chancellors
ACR
New York, NY/US

Giles Boland

President
Brigham and Women's Hospital
Boston, MA/US

Philippe Bourrinet

VP Development, Medical & Regulatory Affairs
Guerbet
Roissy CDG/FR

Adrian Brady

Professor
University College, Cork
Cork/IE

Miriam Bredella

Associate Dean, Director Clinical and Translational Science Institute
Vice Chair for Strategy, Department of Radiology
NYU Langone Health
New York, NY/US

James Brink

Juan M. Taveras Professor and Chair of Radiology
Massachusetts General Hospital, Brigham and Women's Hospital, Harvard Medical School
Boston, MA/US

Boris Brkljacic

Vice Rector
University of Zagreb
Chair of Department of Radiology
University of Zagreb School of Medicine and University Hospital "Dubrava"
Zagreb/HR

R. Nick Bryan

Professor
University of Pennsylvania
Philadelphia, PA/US

Carlos A. Buchpiguel

Professor and Chair
University of São Paulo
São Paulo/BR

Jeffrey Bundy

CEO
United Imaging Solutions
Houston, TX/US

Carlo Catalano

Professor and Chair
Department of Radiological, Pathological and Oncological Sciences, Sapienza University of Rome
Rome/IT

Giovanni Cerri

Professor and Chair
Universidade de São Paulo, Instituto de Radiologia Hospital das Clínicas
São Paulo/BR

Hersh Chandarana

Vice Chair for Hospital Operations & Analytics
Department of Radiology, NYU Langone Health
New York, NY/US

Peter D. Chang

Associate Professor and Director of Applied Artificial Intelligence Research Center
University of California Irvine
Irvine, CA/US
Scientific Consultant
Olea Medical
La Ciotat/FR

LIST OF PARTICIPANTS

Byung Ihn Choi

Professor
Chung-Ang University Hospital
Seoul/KR

Christine Chung

Professor and Executive Vice Chair
University of California San Diego
San Diego, CA/US

Claus Claussen

Professor and Chair Emeritus, CEO
University of Tübingen
Tübingen/DE

Olivier Clement

Professor and Chair
Hopital Pommidou, DMU Imagina, APHP, PARIS
Paris/FR

Jörg Debatin

Board Chairman
Honic
Berlin/DE

Kristen DeStigter

Professor and Chair
University of Vermont Larner College of
Medicine
Burlington/US

Cyril Di Grandi

Scientific Consultant
Olea Medical
La Ciotat/FR

Konstanze Diefenbach

Head Radiology R&D
Bayer AG
Berlin/DE

Fayçal Djeridane

President and CEO
Olea Medical
La Ciotat/FR

Juila Dmitrieva

Clinical Portfolio Leader
Philips
Mercer Island, WA/US

Lluís Donoso-Bach

Director
Clinical Advanced Technologies Initiative
(CATI), Hospital Clinic, Universitat Barcelona,
Leitat Centre Tecnologic
Barcelona/ES

Keith Dreyer

Chief Data Science Officer
Massachusetts General Hospital
Boston, MA/US

N. Reed Dunnick

Professor
University of Michigan
Ann Arbor, MI/US

Peter Durlach

*Executive Vice President and Chief Strategy
Officer*
Nuance Communications, A Microsoft
Company
Burlington, MA/US

Axel Eble

*SVP Head Global Strategic Marketing -
Radiology*
Bayer AG
Berlin/DE

Richard Ehman

Professor of Radiology
Mayo Clinic
Rochester, MN/US

Dieter Enzmann

Chair & Distinguished Professor
UCLA Health
Los Angeles, CA/US

Catherine Estrampes

President and CEO US & CANADA
GE HealthCare
Chicago, IL/US

Christian Eusemann

*VP Research & Innovation, Collaborations
Officer*
Siemens Healthineers
Malvern, PA/US

Caroline Ewertsen

Associate Professor
Copenhagen University Hospital, Rigshospitalet
Copenhagen/DK

Fiona Fennessy

Vice Chair Faculty Affairs
Brigham and Women's Hospital
Boston, MA/US

Mark Ferreira

Group Chief Medical Officer
Alliance Medical Group
Guildford/UK

Philipp Fischer

*Executive Vice President of Computed
Tomography*
Siemens Healthcare GmbH
Forchheim/DE

Laure Fournier

Professor
Université Paris Cité, APHP
Paris/FR

Matthias Frölich

*Associate Professor, Radiology Research Group
Lead*
University Medical Center Mannheim
Mannheim/DE

LIST OF PARTICIPANTS

Michael Fuchsjäger

Professor and Chair
Medical University of Graz
Graz/AT

Jurgen Futterer

Professor
Radboudumc
Nijmegen/NL

Ferdia Gallagher

Professor of Translational Imaging
University of Cambridge
Cambridge/UK

Ricardo Garcia-Monaco

Professor of Radiology
Hospital Italiano, University of Buenos Aires
Buenos Aires/AR

Michael Gee

Deputy Chair of Radiology
Massachusetts General Hospital/Harvard
Medical School
Boston, MA/US

Judy Wawira Gichoya

Associate Professor
Emory University
Atlanta, GA/US

Fiona Gilbert

Professor of Radiology and Chair
University of Cambridge
Cambridge/UK

Garry Gold

Professor and Chair
Stanford University Department of Radiology
Stanford, CA/US

Wataru Gono

Deputy Director
The University of Tokyo
Tokyo/JP

Martin Graves

Professor of MR Physics
University of Cambridge
Cambridge/UK

Thomas Grist

Chair
University of Wisconsin School of Medicine
and Public Health
Madison, WI/US

Bernd Hamm

Professor and Chair
Charité – Universitätsmedizin Berlin
Berlin/DE

Brian Hargreaves

Professor
Stanford University Radiology
Stanford, CA/US

Michael Harsh

Senior Advisor
Time Medical Systems
Burlingame, CA/US

André Hartung

President Diagnostic Imaging
Siemens Healthcare GmbH
Forchheim/DE

Elizabeth Hecht

*Professor and Vice Chair for Academic Affairs
and Faculty Development*
Weill Cornell Medicine
New York, NY/US

Frederic Henaff

COO
OLEA MEDICAL
la Ciotat/FR

Christian Herold

Professor and Chair
Dept. of Biomedical Imaging and image
guided therapy, Medical University of Vienna
Vienna/AT

Ken Herrmann

Professor and Chair
Universitätsmedizin Essen, Germany
Essen/DE

Christopher Hess

Professor and Chair
University of California, San Francisco
San Francisco, CA/US

Andrei Holodny

Professor, Chief of Neuroradiology
Memorial Sloan Kettering Cancer Center
New York, NY/US

Hedvig Hricak

*Carroll and Milton Petrie Endowed Chair in
Radiology*
Memorial Sloan Kettering Cancer Center and
Professor
Gerstner Sloan Kettering Graduate School of
Biomedical Sciences
New York, NY/US

Rowland Illing

Director & Chief Medical Officer
Amazon Web Services
Washington, DC/US

Razvan Ionasec

CTO, Healthcare EMEA
Amazon Web Services
Munich/DE

Bhavin Jankharia

Consultant Radiologist and Partner
Picture This
Mumbai/IN

Zheng Yu Jin

Professor
Peking Union Medical College Hospital
Beijing/CN

LIST OF PARTICIPANTS

Kader Karli Oguz

Professor

University of California, Davis Health Center
Sacramento, CA/US

Gregor Kasprian

Professor and Department Head

Medizinische Universität Wien (Medical
University of Vienna)
Vienna/AT

Taha Kass-Hout

Chief Technology Officer

GE HealthCare
Seattle, WA/US

Pek-Lan Khong

Professor and Head

National University of Singapore
Singapore/SG

Herbert Kressel

Professor

Harvard Medical School
Boston, MA/US

Gabriel P. Krestin

Professor Emeritus

Erasmus MC, University Medical Center
Rotterdam
Rotterdam/NL

Torbjörn Kronander

CEO

Sectra AB
Linköping/SE

Rahel A. Kubik-Huch

Director Department of Medical Services, Head

Institute of Radiology
Kantonsspital Baden AG
Baden-Dättwil/CH

Christiane Kuhl

Professor and Chair

RWTH Aachen
Aachen/DE

Daniel Kütting

Managing Senior Physician

University Hospital Bonn
Bonn/DE

Georg Langs

Professor, Lab Director

Medical University of Vienna
Vienna/AT

David Larson

Professor and Senior Vice Chair

Stanford University
Stanford, CA/US

Jason Lewis

Professor and Vice Chair

MSKCC
New York, NY/US

Federico Lubinus

Professor

Universidad autónoma de Bucaramanga
Bucaramanga/CO

Qiyuan Ma

CEO

Time Medical Systems
Burlingame, CA/US

Jan Makela

President and CEO, Imaging

GE HealthCare
London/UK

Luis Marti-Bonmati

Professor

Hospital Universitario y Politécnico La Fe
Valencia/ES

Rich Mather

President

Canon Medical Research USA
Vernon Hills, IL/US

Matthew Mauro

President and Professor

Univ of North Carolina: Faculty Physicians,
School of Medicine & Medical Center
Chapel Hill, NC/US

Marius E. Mayerhoefer

Professor of Radiology

NYU Grossman School of Medicine
New York/US

Geraldine McGinty

Senior Associate Dean for Clinical Affairs

Weill Cornell Medicine
New York, NY/US

Maryanne McHugh

Global Strategic Advisor

Canon Medical
Ottawa/JP

Barbara McNeil

Ridley Watts Professor of Health Care Policy

Harvard Medical School
Boston, MA/US

Bernd Montag

CEO

Siemens Healthineers AG
Erlangen/DE

Elizabeth Morris

Professor and Chair

UC Davis Health
Sacramento, CA/US

Linda Moy

Professor of Radiology

New York University
New York, NY/US

LIST OF PARTICIPANTS

Charles Niehaus

CEO
Affidea
London/UK

Wiro Niessen

Dean, Faculty of Medical Sciences
University Medical Center Groningen
Groningen/NL

Konstantin Nikolaou

Professor and Chair
Department of Radiology, University Hospital
Tuebingen
Tuebingen/DE

Cesar Nomura

Director
University of Sao Paulo
São Paulo, SP/BR

Alexander Norbash

Professor and Chair
UC San Diego
San Diego, CA/US

Agneta Nordberg

Professor
Karolinska institutet
Stockholm/SE

Salvador Pedraza

Professor and Chair
Hospital Clinic of Barcelona. University of
Barcelona
Barcelona/ES

Roderic Pettigrew

CEO, Dean EnHealth
School of Engineering Medicine
Houston, TX/US

Mark Phillips

Head of Clinical Research and Medical Affairs
Annalise.ai
Sydney/AU

Oleg Pianykh

Director, Medical Analytics Group
Mass General Brigham
Boston, MA/US

Perry Pickhardt

Professor
University of Wisconsin
Madison, WI/US

Etta Pisano

Adjunct Professor of Radiology
The University of Pennsylvania
Chief Research Officer
American College of Radiology
Reston, VA/US

Martin Pomper

Professor
Johns Hopkins Medical School
Baltimore, MD/US

Mathias Prokop

Head of Department of Medical Imaging
Radboud University Medical Center
Nijmegen/NL

Vijay Rao

Professor and Chair Emeritus
Thomas Jefferson University
Philadelphia, PA/US

Michael Recht

Chair
NYU Langone Health
New York, NY/US

Scott Reeder

Fred Lee Sr. Professor of Radiology, Senior Vice
Chair
UW School of Medicine and Public Health
Madison, WI/US

Maximilian Reiser

Professor Emeritus
LMU, Munich
Munich/DE

Katrine Riklund

Professor and Deputy Vice Chancellor
Umeå university and Umeå university hospital
Umeå/SE

Andrea Rockall

Professor and Chair
Imperial College London
London/UK

Geoffrey Rubin

Professor and Chair
University of Arizona and Banner University
Medical Group
Tucson, AZ/US

Joland Rutgers

Head of Innovation Excellence
Philips
Best/NL

Kinpritma Sangha

Health Economics and Outcomes Research
Siemens Healthineers
Malvern, PA/US

Arvind Saran

Chief Strategic Officer
Annalise AI
Sydney/AU

Mitchell Schnall

Chair of Radiology
University of Pennsylvania
Philadelphia, PA/US

Stefan Schönberg

Professor and Chairman
University Medical Center Mannheim
Mannheim/DE

Markus Schwaiger

Professor
Bavarian Academy of Sciences
Munich/DE

LIST OF PARTICIPANTS

Andrew Scott

Director, Dept. of Molecular Imaging and Therapy
Austin Health
Melbourne/AU

Valentin Sinitsyn

Professor and Chair of Radiology
University Medical Center, Lomonosov
Moscow State University
Moscow/RU

Daniel Sodickson

Chief of Innovation
Department of Radiology, New York University
Grossman School of Medicine
New York, NY/US

Stephen Solomon

Chief of Interventional Radiology
Memorial Sloan Kettering Cancer Center
New York, New York/US

Jacob Sosna

Professor and Chairman, Vice Dean
Hadassah Hebrew University Medical Center
Jerusalem/IL

Kofo Soyebi

Diagnostic Radiologist
Dept. of Radiation Biology, Radiotherapy and Radiodiagnosis, Faculty of Health Sciences,
College of Medicine of the University of Lagos/Hospital
Lagos/NG

Alberto Spinazzi

Chief Medical and Regulatory Officer
Bracco Group
Milan/IT

Niccolo Stefani

Head of Global Clinical Capability & Clinical Partnership North America
Philips
Miami, FL/US

Bram Stolk

VP Academic and Strategic Accounts
United Imaging Healthcare
Houston, TX/US

Hisashi Tachizaki

Senior Vice President
Canon Medical Systems Corporation
Otawara/JP

Toshio Takiguchi

President and CEO
Canon Medical Systems Corporation
Otawara/JP

Harriet Thoeny

Professor and Chair
University of Fribourg
Fribourg/CH

William Thorwarth

CEO
American College of Radiology
Reston, VA/US

Noriyuki Tomiyama

Professor and Chair
Osaka University
Osaka/JP

Aengus Tran

Co-Founder & CEO
harrison.ai
Sidney/AU

Raul Uppot

Interventional Radiologist
Massachusetts General Hospital
Boston, MA/US

Bert van Meurs

Chief Business Leader Image Guided Therapy & Precision Diagnosis
Philips
Best/NL

Alberto Vargas

Professor and Vice Chair
New York University
New York City, NY/US

Meike Vernooij

Professor of Population Imaging,
Neuroradiologist
Erasmus MC
Rotterdam/NL

Mark Watson

Executive Director
Radiological Society of North America
Oak Brook, IL/US

Ralph Weissleder

Professor
Massachusetts General Hospital/Harvard
Medical School
Boston, MA/US

Pamela Woodard

Professor and Chair
Mallinckrodt Institute of Radiology,
Washington University School of Medicine in
St. Louis
St. Louis, MO/US

Hua Dan Xue

Professor
Peking Union Medical College Hospital
Beijing/CN

Christian Zapf

Executive Vice President Digital & Automation
Siemens Healthcare GmbH
Forchheim/DE





15th Biennial International
Symposium of the
International Society
for Strategic Studies
in Radiology

IS3R
2023

Berlin/Germany
August 24–26, 2023

Scientific Program