

SCIENTIFIC PROGRAM

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radiology

Creating Strategies for the Next Decade

Château Hôtel Mont Royal, Chantilly, France
21-23 August, 2003



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SYMPOSIUM VENUE

Château Hôtel Mont Royal

Route de Plailly

60520 La Chapelle en Serval

France

2006

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Tel : 33 (0)3 44 54 50 50

Fax : 33 (0)3 44 54 50 21

<http://www.chateau-mont-royal.com/sommaire.las>

2008

OFFICIAL LANGUAGE

English (no translation of the meeting will be provided)

2009

SMOKING POLICY

This is a non-smoking symposium. Where possible, smoking areas will be provided.

2010

contents

The background of the page features a stylized globe with a grid of latitude and longitude lines. Overlaid on the globe is a large, semi-transparent silhouette of a parrot, likely a macaw, with its wings spread. The colors of the globe and parrot are in shades of orange, red, and yellow, matching the overall color scheme of the document.

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The International Society for Strategic Studies in Radiology is a non-political, not-for-profit organization whose purpose is to define and investigate strategic, scientific and economic issues of global importance to the field of radiology. The Society aims to foresee national and global developments in radiology and allied fields, and to strategically communicate important issues to radiologists, physicians in other medical fields, industry and governments. By forming a strategic partnership with industry in order to define important and relevant fields of cooperation and common engagement for the best possible cooperation and successful future of both partners, IS³R envisions schema for actively influencing research, clinical practice and teaching now and in the future, and to prepare radiologists, their partners, and their clients for future developments. The Society works to influence the flow of capital and investment into the most scientific and strategic fields, and to influence health care politics for the benefit of radiology, its patients and customers.

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Letter from the president



Hans Ringertz MD, PhD

Dear Participants,

Welcome to celebrate the fifth symposium of our Society. We are, for the first time, close to wonderful Paris, France, and I am extremely grateful for the outstanding work that our host, Guy Frija, has done to prepare for our intellectual and social pleasure during the upcoming three days. The chosen theme of the meeting “Radiology: Creating Strategies for the Next Decade” reflects, of course, the core mission of our International Society for Strategic Studies in Radiology.

The list of speakers and participants is truly impressive. The presence of the world’s leading radiologists and radiology industry leaders is a guaranty for both an exciting programme and important exchange of information and ideas about the future of our speciality. In the opening statement of our previous symposium in San Francisco, Alex Margulis, who started this form of gathering, summarised the present situation for global Radiology with a number of statements.

We are seeing an increasing utilization of medical imaging in the range of 20% to 45 % per year. The main issue is clinical guidance for diagnosis, therapy, and follow-up on one hand; utilising anatomical, physiological, genomic, molecular, etc. imaging on the other. But we are also seeing trends toward the increasing manpower shortage and less academic radiology and research. The situation has not changed much during the last two years and thus carries the need to “create strategies for the next decade.”

During this process it is of utmost importance that the radiology industry is deeply involved in the discussions. It is not enough to discuss defending the inner and outer borders of Radiology, PACS, CAD, cost effectiveness; we also have to work together with manufacturers and pharmaceutical companies, and accept that industry research and policy brings medical imaging forward at least as much as the imaging research of academic institutions.

Finally, I would like to repeat that the first of this series of symposia was held in Oxford, England with its unique, old academic tradition. I hope that that heritage will influence our days here as well. Thus I welcome you to participate in this Paris symposium and hope that the meeting will be scientifically, and socially, rewarding. Even if we compete in different ways we need to have a common base for friendly communication in order for radiology to stay strong. As Alex used to cite in the dedication to a regular meeting in San Francisco: “Each honest calling, each walk of life, has its own elite – its own aristocracy – based on excellence of performance.”

practical information

EXHIBITION: No trade exhibits are scheduled to be displayed in conjunction with this year's symposium.

**CREDIT CARDS,
CURRENCY EXCHANGE:** The reception desk at the Chateau Hotel Mont Royal is able to cash traveller's checks for you; the nearest banking establishment and automated teller machine (ATM) is in La Chapelle en Serval. Major credit cards (Visa, MasterCard) are accepted by nearly all establishments in the area.

INSURANCE: 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 France. Participants and accompanying persons should assure that their own personal health, accident and/or travel insurance are up-to-date and valid for use in the European Union.

CME CREDIT: None of the scientific or educational sessions of this year's symposium has been approved for continuing medical education credit.

**CERTIFICATES OF
ATTENDANCE:** Participants who would like to receive a certificate verifying their attendance at the symposium are encouraged to request one from the Registration desk (located outside of the meeting room) before adjournment on Friday. Certificates will be mailed following the symposium.

MEAL SERVICES: All meals will be served in the Opera Restaurant near the lobby. Continental breakfast for all is available beginning at 6:45 am. Coffee breaks will be served to participants on each day of the symposium and attendees are invited to luncheon with colleagues on Thursday and Friday. Symposium participants and their guests are welcome and encouraged to attend the dinner banquets on Thursday and Friday evenings.

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

REGISTRATION: Staff at the registration desk will be available each day Thursday-Saturday during symposium hours. They are there to assist you with reservations, finding local venues, booking optional tours, or to help you with any challenges with your accommodations or travel arrangements.

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Contact Alain , or check with the front desk, for your transportation needs.
Tel: 00 33 820 015 222
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CDG Airport/Hotel Mont Royal is 41 euros (up to 3 persons)
Orly Airport/Hotel Mont Royal is 88 Euros (up to 3 persons)
Paris/Hotel Mont Royal is 73 Euros (up to 3 persons)

schedule at-a-glance

THURSDAY, AUGUST 21, 2003

Strategic Professional Questions

8:00 am	Keynote Lecture	Halphen Room
8:20	Demography	Halphen Room
	<i>(There will be a recess during this session from 10:00-10:30 am.)</i>	
10:30	Turf Issues – “Models for Cooperation”	Halphen Room
12:15 pm	Lunch	Opéra Restaurant
1:45	Imaging Equipment: Dissemination, Innovation	Halphen Room
	<i>(There will be a recess during this session from 3:15-3:45 pm.)</i>	
3:45	Evidence-Based Radiology: Public Watchdog or Historical Artifact?	Halphen Room
5:30	Adjourn	
7:15	Opening Reception and Banquet	Opéra Restaurant

FRIDAY, AUGUST 22, 2003

Impact of Research on Radiology Organization

From Research to Regulation

8:00 am	Keynote Lecture	Halphen Room
8:40	Overview and Changes in the Regulation and Process of Approval	Halphen Room
	<i>(There will be a recess during this session from 10:15 to 10:45 am.)</i>	
10:45	Including Molecular Imaging in Academic Departments	Halphen Room
12:15 pm	Lunch	Opéra Restaurant
1:45	Associating Molecular Imaging Requirements with Future Products	Halphen Room
	<i>(There will be a recess during this session from 3:30-4:00 pm.)</i>	
4:00	The Future of the Imaging Department	Halphen Room
6:30	General Assembly of the ISSSR	Halphen Room
7:45	Closing Banquet	Cocktail on Terrace Opéra Restaurant

SATURDAY, AUGUST 23, 2003

Communication Policies

8:00 am	Keynote Lecture	Halphen Room
8:30	The Future of Technical Exhibitions	Halphen Room
10:00	Keynote Lecture	Halphen Room
	<i>(There will be a recess during this session from 10:30-11:00 am.)</i>	
11:00	Which Policy of Public Information?	Halphen Room
12:00 pm	Concluding Remarks	Halphen Room
12:30	Adjourn	

Thursday, August 21, 2003
Strategic Professional Questions

8:00 am Keynote Lecture: Medical Imaging Entering the New Millennium:
Opportunities and Challenges Alexander R. Margulis, MD, DSc(hc)

Demography Moderators: *Hans G. Ringertz, MD, PhD; Guy G. Frija, MD*

8:20 Demography of Radiologists and Radiographers: Results of a Worldwide Survey
Americas Jonathan H. Sunshine, PhD
Europe Iain W. McCall, MD
Asia Lenny K.A. Tan, MD
9:05 Creative Solutions to the Manpower Problem
Americas Carl E. Ravin, MD
Europe Gabriel P. Krestin, MD, PhD

10:00 Recess

Turf Issues – “Models for Cooperation” Moderators: *Pierre Schnyder, MD; Hedvig Hricak, MD, PhD*

10:30 Mayo Clinic Integration Stephen J. Swensen, MD
10:45 Surgical Intervention Experience Frode Lærum, MD, PhD
11:15 The View from Above H. Dirk Sostman, MD
11:45 Comments from Industry (Panel)
..... John M. Glass, Agfa-Gevaert
..... Joseph M. Hogan, General Electric Medical Systems
..... Jouko Karvinen, Philips Medical Systems
..... Daniel Kerpelman, Eastman-Kodak Company
..... Erich R. Reinhardt, PhD, Siemens Medical Solutions
..... Howard Stern, E-Z-Em, Inc.

12:15 pm Lunch Recess

Imaging Equipment: Dissemination, Innovation ... Moderators: *Martin J. Lipton, MD, Alexander R. Margulis, MD, DSc(hc)*

1:45 Dissemination of Equipment: Worldwide Survey Frank Anton, MD
2:00 Regulation of Equipment Dissemination
Americas Martin J. Lipton, MD
Europe Pierre Schnyder, MD
Asia Kuni Ohtomo, MD
2:40 The Renaissance of CT Innovations Expanding Clinical Utility Peter Arduini, MBA
2:55 Diagnostic Imaging Services and Equipment: What, How, and for Whom? Harald Østensen, MD
3:15 Recess

Evidence-Based Radiology: Public Watchdog or Historical Artifact? Moderator: *Barbara J. McNeil, MD, PhD*

3:45 Keynote Lecture: Whole Body Screening Bruce J. Hillman, MD
4:10 From Evidence to Guidelines Adrian K. Dixon, MD
4:35 Lung Cancer Screening with CT Scan Catherine Hill, MD
5:00 Consumers’ Influence on Evidence-Based Radiology (Panel) M.G. Myriam Hunink, MD, PhD
..... Barbara J. McNeil, MD, PhD
..... Sylvia K. Plevritis, PhD
..... Valentin Sinitsyn, MD

5:30 Adjourn

7:15 Opening Reception and Banquet

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Friday, August 22, 2003 ImpACT of Research on Radiology Organization

8:00 am Keynote Lecture: Major Trends in Biomedical Research Elias A. Zerhouni, MD

From Research to Regulation *Moderator: Bruce J. Hillman, MD*

Overview and Changes in the Regulation and Process of Approval

8:40 New Techniques: A Case Study Ronald A. Castellino, MD

8:50 Contrast Media Robert C. Brasch, MD

9:10 Economic Appraisal of Drugs – Outcomes Research in the
Pharmaceutical Industry Günter Stock, MD, PhD

9:30 Research and Patient Privacy N. Reed Dunnick, MD

9:50 Industry Panel Discussion
Techniques
..... Joseph M. Hogan, General Electric Medical Systems
..... Jouko Karvinen, Philips Medical Systems
..... Erich Reinhardt, PhD, Siemens Medical Solutions

Contrast Media

..... Andrew Betournay, BPharm, MBA, MCIM, Bracco Imaging, SpA

..... Robert Carretta, MD, Amersham Health

..... Philippe Decazes, Guerbet SA

..... Günter Stock, MD, PhD, Schering AG

10:15 Recess

Translating Molecular Imaging into Practice *Moderators: Gary M. Glazer, MD; Gustav K. vonSchulthess, MD, PhD*

10:45 A Wholistic View of Molecular Imaging Erich R. Reinhardt, PhD

Including Molecular Imaging in Academic Departments

11:00 Scientist Point-of-View (Panel) Sanjiv S. Gambhir, MD, PhD; Denis Le Bihan, MD, PhD

11:40 Chairman Point-of-View (Panel) Gary M. Glazer, MD; Hedvig Hricak, MD, PhD

12:15 pm Lunch Recess

1:45 Keynote Lecture: title TBD Roderic Pettigrew, MD, PhD

Associating Molecular Imaging Requirements with Future Products

2:15 Molecular Imaging from a Perspective of a Diagnostic Imaging Company Jacques Souquet, PhD

2:35 PET in Imaging Oncology Robert Carretta, MD

2:55 Molecular Imaging in Pharmaceutical Research Liqun Wang, PhD

3:05 Molecular Imaging and Disease Management Leonard Fass, PhD

3:30 Recess

The Future of the Imaging Department *Moderators: Maximilian Reiser, MD; James H. Thrall, MD*

4:00 Guided Surgery using Robotics, the Place and Role of Radiologists Ferenc Jolesz, MD

4:20 Cost-effectiveness of Teleradiology Jarmo Reponen, MD

4:35 Technology Trends in Teleradiography John M. Glass

4:50 The Chairman's View (Panel) James H. Thrall, MD; Maximilian Reiser, MD

5:20 The Industry's View (Panel)
"Technology Progression" Joseph M. Hogan (General Electric Medical Systems)
"A Framework for IT Challenges and Needs in Medical Imaging" Daniel Kerpelman (Kodak)
"The Patient Centric Imaging Department" Jouko A. Karvinen (Philips Medical Systems)
"Integrating the Paperless Healthcare Enterprise" Neil Cowles, BSc(hons) (Oracle)

6:15 The View from the Top Peter Aspelin, MD, PhD

6:30 General Assembly of the ISSSR

7:45 Closing Banquet

scientific program

Saturday, August 23, 2003
Communication Policies

The Future of Technical Exhibitions Moderators: *Christian J. Herold, MD, Karl-Jürgen Wolf, MD*

8:00 am Keynote Lecture: History of the Radiological Exposition C. Douglas Maynard, MD

8:30 Manufacturing Company Panel
Reinaldo Garcia, General Electric Medical Systems
John M. Glass, Agfa-Gevaert
Jouko A. Karvinen, Philips Medical Systems
Daniel Kerpelman, Eastman-Kodak

9:00 Pharmaceutical Company Panel
Robert Caretta, MD, Amersham Health
Valtero Canepa, Bracco International
Philippe Decazes, Guerbet SA
Ulrich Seikowski, Schering AG

9:30 Radiologist's Panel
Helen ML Carty, MD, European Congress of Radiology
N. Reed Dunnick, MD, American Roentgen Ray Society
Guy G. Frija, MD, French Society of Radiology
Peggy J. Fritzsche, MD, Radiological Society of North America
George Klempfner, MD, International Society of Radiology

10:00 Keynote Lecture: Physics and Medicine Georges Charpak, PhD

10:30 Recess

Which Policy of Public Information? Moderators: *C. Douglas Maynard, MD; Lenny K.A. Tan, MD*

11:00 Public Information Robert Novelline, MD

11:20 Primary Care Physicians Karl-Jürgen Wolf, MD

11:40 Role of Industry "From Product Specifications Toward Patient Benefits" Francis Bailly

12:00 Concluding Remarks Hans G. Ringertz, MD, PhD

12:30 Adjourn

SOCIAL PROGRAM SUMMARY

Wednesday, August 20

Welcome Cocktail and supper

6:00-8:00 pm

Meet in hotel lobby.

Thursday, August 21

Attendee Luncheon

Opening Reception and Dinner

Opera Restaurant

12:15-1:45 pm

7:15-10:30 pm

Friday, August 24

Attendee Luncheon

Closing Banquet

Opera Restaurant

12:15-1:45 pm

7:45-11:00 pm

sponsors

The IS³R gratefully acknowledges the sponsorship of these organizations and companies which helped to make our Fifth International Symposium a success.

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