

2008 World Congress of Brachytherapy



Final Program

ABS, GEC-ESTRO, ALATRO,
CBG-CARO, JASTRO, ABG, and AROI-IBS

May 4-6, 2008
Marriott Copley Place
Boston, MA



2008 World Congress of Brachytherapy



Learning Objectives for the 2008 World Congress

Participants will be able to accomplish the following:

1. Explain the use of image-guided techniques to improve outcomes and reduce toxicity associated with brachytherapy
2. Describe the latest updates from leading world experts in the field of brachytherapy
3. Describe the current controversies regarding brachytherapy of prostate, breast and gynecological cancers
4. Describe research regarding brachytherapy in an international setting
5. Recall practical discussions in small group workshops
6. State the most recent radiobiologic advances in brachytherapy
7. Explain the latest research in brachytherapy physics

Acknowledgment of 2008 World Congress Commercial Support

The American Brachytherapy Society would like to acknowledge the support, through an unrestricted educational grant, of the following organizations:

Best Medical International

(Ulrich Henschke Memorial Award)

Nucletron (Judith Stitt Paper Awards, Texas Cancer Clinic Resident HDR Prostate Brachytherapy Fellowship Program)

Oncura (Resident Luncheon, Resident Travel Grant Awards, Seattle Resident Prostate Brachytherapy Fellowship Program)

Theragenics Corporation (ABS Membership Luncheon)

Varian BrachyTherapy (Gala Event)

Accreditation & Credit Statement for the 2008 World Congress

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of Virginia Commonwealth University (VCU) School of Medicine and American Brachytherapy Society. VCU is accredited by the ACCME to provide continuing medical education for physicians.

Physicians may claim up to 23.5 hours in Type 1 or Type 2 CME on the Virginia Board of Medicine Continued Competency and Assessment Form required for renewal of an active medical license.

VCU designates this educational activity for a maximum of 23.5 AMA PRA Category 1 Credits TM. Physicians should only claim credit commensurate with the extent of their participation in the activity.

This continuing education activity meets the criteria of Virginia Commonwealth University and the Southern Association of Colleges and Schools. 2.3 CEUs will be awarded and recorded with the University.

Conflict of Interest and Off-Label Disclosure Statement

Presenters at this conference will disclose any conflict of interest or their intention to discuss off-label use, if applicable, in accordance with ACCME Standards and FDA requirements. Conflicts of will be disclosed in print in the final meeting materials.



ABS 2008 Gala Event and Acknowledgment of Commercial Support

The ABS would like to acknowledge the support of the 2008 Gala Event by Varian BrachyTherapy, through an unrestricted educational grant. This year's event will be held at the Harvard Club. Enjoy light food, drinks and music while networking and talking with fellow attendees, exhibitors and guests.

This event is included in the registration fee for attendees and guests, however exhibitors are required to register separately at a fee of \$125. Join your colleagues for this year's Gala Event. Dress is business casual and **blue jeans should not be worn.**



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Director/Urologic Research Institute
Schiffler Cancer Center
Wheeling Jesuit University
Wheeling, WV

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Vancouver, British Columbia, Canada

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New York, NY

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Toronto, Ontario, Canada

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Professor of Radiation Oncology
Chief, Brachytherapy Service
Department of Radiation Oncology
Memorial Sloan - Kettering Cancer Center
New York, NY

Program Agenda



Saturday, May 3

11:00 am – 7:00 pm Registration and commercial exhibit set-up

Sunday, May 4

7:00 am – 4:30 pm Commercial Exhibits

7:00 am – 5:00 pm Registration

7:00 – 8:00 am Continental Breakfast

8:00 – 8:05 am Welcome and Introduction

Yoshiya "Josh" Yamada, MD
2008 World Congress Scientific Program Chair
Memorial Sloan - Kettering Cancer Center, New York, NY

8:05 – 11:00 am Presidential Course: Image-Guided Brachytherapy

8:05 – 9:15 am IGBRT – Where Do We Stand?

Moderator:
Michael J. Zelefsky, MD
Memorial Sloan - Kettering Cancer Center, New York, NY

Intraoperative Image Feedback

Irving D. Kaplan, MD
Beth Israel Deaconess Medical Center, Boston, MA

Improving Localization With Mapping Biopsies

Gregory S. Merrick, MD
Schiffler Cancer Center
Wheeling Jesuit University, Wheeling, WV

9:15 – 10:25 am MRI-Guided Brachytherapy for Cervical Cancer: How Is It Done and What Are The Results?

Moderator:
Beth A. Erickson, MD
Medical College of Wisconsin, Milwaukee, WI

Panelists:

Johannes Dimopoulos, MD
Medical University of Vienna, Vienna, Austria

Christine Haie-Meder, MD
Institut Gustave Roussy, Villejuif, France

Erik Van Limbergen, MD, PhD
University Hospital Gasthuisberg, Leuven, Belgium

Jacob C. Lindegaard, MD
Aarhus University Hospital, Aarhus, Denmark

10:25 – 10:45 am Breast Brachytherapy

Moderator:
Gregory S. Merrick, MD
Schiffler Cancer Center
Wheeling Jesuit University, Wheeling, WV

Panelist:

Frank A. Vicini, MD
William Beaumont Hospital, Royal Oak, MI

Sunday Night Welcome Reception

Everyone is invited to attend the Welcome Reception on Sunday night at the Marriott, to be held in our exhibit hall. We hope to see you there!



10:45 – 11:00 am

Head and Neck Brachytherapy

Moderator:

Gregory S. Merrick, MD
Schiffler Cancer Center
Wheeling Jesuit University, Wheeling, WV

Panelist:

Didier Peiffert, MD, PhD
Centre Alexis Vautrin, Nancy, France

11:00 – 11:20 am

Refreshment Break and Poster Review

11:20 am - 12:20 pm

Radiobiology Panel: Why Do We Need Radiobiology in Modern Brachytherapy?

Moderator:

Gillian Duchesne, MD
Peter MacCallum Cancer Centre, Melbourne, Australia

Panelists:

Soren M. Bentzen, PhD, D.Sc
University of Wisconsin, Madison, WI

Annette Haworth, PhD
Peter MacCallum Cancer Center, Melbourne, Australia

Peter J. Hoskin, MD
Mount Vernon Center for Cancer Treatment, Northwood, UK

Michael Joiner, PhD.
Wayne State University, Detroit, MI

12:20 – 2:00 pm

Lunch (attendees on their own)

12:30 – 1:00 pm

Marie Curie Gold Medal Presentation by GEC-ESTRO

1:00 – 2:00 pm

Resident Luncheon (for Residents only)

Sponsored by Oncura

2:00 – 3:00 pm

**Prostate Panel Session 1
Perspectives on the Optimal Isotope**

Moderator:

William James Morris, MD
Vancouver Cancer Center, Vancouver, British Columbia, Canada



Panelists:

Point: Is There Any Evidence of Improved Outcome and Tolerance with I 125 Over Pd 103?

Louis Potters, MD
Long Island Jewish Medical Center, New Hyde Park, NY

Counter Point: Is There Any Evidence of Improved Outcome and Tolerance with I-125 Over Pd 103?

Jay P. Ciezki, MD
Cleveland Clinic, Cleveland, OH

Point: Is Cesium Significantly Better or Recommended for Prostate Cancer?

Bradley R. Prestidge, MD
Texas Cancer Clinic, San Antonio, TX

Counter Point: Is Cesium Significantly Better or Recommended for Prostate Cancer?

W. Robert Lee, MD
Duke University Medical Center, Durham, NC

Point: Is Ir192 HDR More Effective Than LDR Brachytherapy?

Peter J. Hoskin, MD
Mount Vernon Center for Cancer Treatment, Northwood ,UK

Counter Point: Is LDR More Effective Than Ir192 HDR Brachytherapy?

John C. Blasko, MD
Seattle, WA

Point: Are Linked Seeds Better Than Loose Seeds?

Juanita M. Crook, MD
Princess Margaret Hospital, Toronto, Ont., Canada

Counter Point: Are Linked Seeds Better Than Loose Seeds?

Marco van Vulpen, MD, PhD
University Medical Center, Utrecht, The Netherlands

2:00–3:00 pm
(Parallel Session #1)

Physics Panel Session 1

What Is the Treatment Rationale for Each Modality of Partial Breast Brachytherapy Irradiation?

Moderator:

Gregory K. Edmundson, M.Sc., DABMP
Nucletron B. V., Columbia, MD

Panelists:

Multi-Catheter Interstitial

Rupak Das, PhD
University of Wisconsin, Madison, WI

MammoSite and Contura Balloon Brachytherapy

Sushil Beriwal, MD
University of Pittsburgh Medical Center, Pittsburgh, PA

SAVI and Clearpath Devices

Salih Gurdalli, PhD
Arizona Oncology Services, Scottsdale, AZ

AccuBoost System

Mark Rivard, PhD
Tufts-New England Medical Center, Boston, MA

Electronic Brachytherapy

Michael Kirk, PhD
Rush University, Chicago, IL

3:00–4:00 pm

Breast Panel Session 1

Late Toxicity of Breast Brachytherapy

Moderator:

Erik Van Limbergen, MD, PhD
University of Hospital Gasthuisberg, Leuven, Belgium

Panelists:

Clinical Factors Associated With Toxicity

David E. Wazer, MD
Tufts-New England Medical Center, Boston, MA

Fat Necrosis and DVH Parameters

Csaba Polgar, MD, PhD
National Institute of Oncology, Budapest, Hungary

Skin Toxicity and DVH Parameters

Yazid Belkacemi, MD
Oscar Lambret Center, Lille, France



What Have We Learned in the Past Few Years?

Erik Van Limbergen, MD
University of Hospital Gasthuisberg, Leuven, Belgium

3:00 – 4:00 pm
(Parallel Session #1)

Prostate Proffered Paper Session 1

Moderators:
Peter J. Hoskin, MD
Mount Vernon Center for Cancer Treatment, Northwood, UK

I-Chow "Joe" Hsu, MD
University of California at San Francisco, San Francisco, CA

4:00 – 4:20 pm

Refreshment Break and Poster Review

4:20 – 6:10 pm
(Parallel Session #1)

Prostate Proffered Paper Session 2

Moderators:
Brett Cox, MD
Memorial Sloan - Kettering Cancer Center, New York, NY

Thomas G. Shanahan, MD, FACRO
Memorial Medical Center
Springfield, IL

4:20 – 6:00 pm

**Gynecologic Proffered Paper Session 1
Cervix**

Moderators:
Marcela De La Torre, MD
University of Buenos Aires, Buenos Aires, Argentina

6:15 – 7:30 pm

Welcome Reception, Poster Review and Exhibits in Exhibit Hall

Monday, May 5

7:00 am – 4:30 pm

Commercial Exhibits

7:00 am – 5:00 pm

Registration

7:00 – 7:30 am

Continental Breakfast

7:40 – 9:00 am

GYN Panel Session 1

Biologic Imaging in Brachytherapy for Gynecologic Cancer

Moderator:
Beth A. Erickson, MD
Medical College of Wisconsin, Milwaukee, WI

Panelists:

Biologic Targeting by PET CT

Perry W. Grigsby, MD
Washington University Medical Center, St. Louis, MO

MRI and Functional Imaging

Nina Mayr, MD
James Cancer Center, Ohio State University, Columbus, OH

Dose Painting by the Numbers in Brachytherapy–Is It Relevant in Gyne?

Robert Cormack, MD
Brigham and Women's Hospital, Boston, MA

Uncertainties in Target Definition, Myths and Reality

Akila N. Viswanathan, MD
Dana-Farber/ Brigham and Women's Cancer Center, Boston, MA

7:30 – 8:00 am
(Parallel Session #1)

Health Economics

Speaker:
Timothy R. Williams, MD
ASTRO President-Elect
Lynn Regional Cancer Center, Boca Raton, FL

8:00 – 9:00 am
(Parallel Session #1)

Miscellaneous Proffered Paper Session 1

Moderators:
Laval J. Grimard, MD
The Ottawa Hospital, Ottawa, Ontario, Canada

John K. Hayes, MD
Gamma West Brachytherapy, Salt Lake City, UT

9:00 – 9:40 am

Presidential Lecture

Gregory S. Merrick, MD, ABS President



Best Medical International, Inc.
Established 1977

ABS Ulrich Henschke Memorial Lecture

2008 Ulrich Henschke Award Sponsored by Best Medical International, Inc.

9:40 – 10:00 am

Refreshment Break and Poster Review

10:00 – 11:00 am

Breast Proffered Paper Session 1

Moderators:
Vratislav Strnad, MD
University Hospital of Erlangen, Erlangen, Germany

Douglas W. Arthur, MD
VCU Medical Center/Massey Cancer Center, Richmond, VA

10:00 – 11:00 am
(Parallel Session #1)

Physics Paper Session 1

Moderators:
Mark Rivard, PhD
Tufts New England Medical Center, Boston, MA

Victor Bourel, PhD
Favaloro University, Buenos Aires, Argentina

10:00 am – 12:30 pm
(Parallel Session #2)

Prostate Poster Discussion 1

Toxicity / Morbidity Functional Assessment

Moderators:
Juanita M. Crook, MD
Princess Margaret Hospital, Toronto, Ontario, Canada

Eric Vigneault, MD
Centre Hospitalier de Quebec, Quebec, PQ, Canada

11:00 am – 12:30 pm

Breast Panel Session 2
Controversies in Target Volume Definition,
Visualization and Delineation

Moderator:
Rakesh R. Patel, MD
University of Wisconsin, Madison, WI

Panelists:
Pathologic Background and Rationale
Roland Holland, MD
University of Nijmegen, Nijmegen, The Netherlands

Cavity Related Target Concept
Douglas W. Arthur, MD
VCU Medical Center/Massey Cancer Center, Richmond, VA



Free Margin Concept

Vratislav Strnad, MD
University Hospital of Erlangen, Erlangen, Germany

Where Do We Agree, Where Do We Differ?

Rakesh R. Patel, MD
University of Wisconsin, Madison, WI

12:30 – 2:00 pm

ABS Member Lunch and ABS Annual Business Meeting

(events for ABS members only)

Sponsored by Theragenics



2:00 – 3:00 pm

Physics Panel Session 2

Are Seeds of High Strength, Intermediate Strength or Low Strength Better for Permanent Prostate Brachytherapy Implants?

Moderator:

Annette Haworth, PhD
Peter MacCallum Cancer Center, Melbourne, Australia

Panelists:

Pro: High Strength

Luc Beaulieu, PhD
Centre Hospitalier de Quebec, Quebec, PQ, Canada

Pro: Low Strength

Edward J. Holupka, PhD
Beth Israel Deaconess Medical Center, Boston, MA

Pro: Intermediate Strength

Ron S. Sloboda, PhD
Cross Cancer Institute, Edmonton, Alberta, Canada

2:00 – 3:00 pm

(Parallel Session #1)

Prostate Panel Session 2

Optimal Management of Late Toxicity After Prostate Brachytherapy

Moderator:

Jean-Marc Cosset, MD
Institut Curie, Paris, France

Panelists:

Treatment of Urinary Toxicity

Nelson N. Stone, MD
Mount Sinai School of Medicine, New York, NY

Management of Rectal Toxicity

Michael J. Zelefsky, MD
Memorial Sloan - Kettering Cancer Center, New York, NY

Management of Sexual Dysfunction

John P. Mulhall, MD
Memorial Sloan - Kettering Cancer Center, New York, NY

2:00 – 3:00 pm

(Parallel Session #2)

GYN Poster Discussion

Moderators:

Akila N. Viswanathan, MD
Dana-Farber / Brigham and Women's Cancer Center, Boston, MA

Anthony Fyles, MD

Princess Margaret Hospital, Toronto, Ontario, Canada

3:00 - 4:00 pm

(Parallel Session #2)

GYN Proffered Paper Session 2

Moderators:

Kaled M. Alektiar, MD
Memorial Sloan - Kettering Cancer Center, New York, NY

Shyam Kishore Shrivastava, MD
Tata Memorial Hospital, Mumbai, India

3:00 – 4:00 pm

**Prostate Panel Session 3
Salvage of Local Failure – Update on Outcomes**

Moderator:

Joao Luis Fernandes Da Silva, MD
Albert Einstein Hospital, São Paulo, Brazil

Panelists:

Salvage LDR

David C. Beyer, MD
Arizona Oncology Services, Scottsdale, AZ

Update on Cryotherapy

Aaron E. Katz, MD
Herbert Irving Cancer Center, New York, NY

Salvage Prostatectomy

Karim Touijers, MD
Memorial Sloan - Kettering Cancer Center, New York, NY

Salvage HDR

I-Chow "Joe" Hsu, MD
University of California San Francisco, San Francisco, CA

4:00 – 4:30 pm

Refreshment Break and Poster Review

4:30 – 6:00 pm

Practical Courses

(concurrent sessions, registration is limited and will be on a first-come, first-served basis; registration is included in your World Congress registration fee)

1) HDR Prostate

I-Chow "Joe" Hsu, MD
University of California at San Francisco, San Francisco, CA

2) HDR Prostate

Gerard C. Morton, MD
Sunnybrook Regional Cancer Center, Toronto, Ontario, Canada

3) HDR Prostate

Yoshiya "Josh" Yamada, MD
Memorial Sloan Kettering Cancer Center, New York, NY

4) LDR Prostate

Juanita M. Crook, MD
Princess Margaret Hospital, Toronto, Ontario, Canada

5) LDR Prostate

Eric M. Horwitz, MD
Fox Chase Cancer Center, Philadelphia, PA

6) LDR Prostate

Bradley R. Prestidge, MD
Texas Cancer Clinic, San Antonio, TX

7:00 – 9:00 pm

2008 World Congress Gala Event at the Harvard Club

Sponsored by Varian BrachyTherapy
For bus service, please exit the hotel on the second floor at 6:30 pm, down the escalators by the Starbucks, out the doors to the buses.





Tuesday, May 6

7:00 am – 2:00 pm **Commercial Exhibits**

7:00 am – 4:00 pm **Registration**

7:00 – 7:30 am **Continental Breakfast**

7:30 – 8:30 am **Prostate Panel Session 4**
Towards Establishing a Standard of Care for Prostate Brachytherapy

Moderator:

Fernando Guedea, MD

Oncologic Institute of Catalonia, Barcelona, Spain

Panelists:

What Is the Cut Point For the Rectum?

Richard G. Stock, MD,

Mt. Sinai Medical Center, New York, NY

What Is the Cut Point For the Urethra?

Gregory S. Merrick, MD

Schiffler Cancer Center, Wheeling Jesuit University, Wheeling, WV

What Is the Cut Point For the Prostate?

Marisa A. Kollmeier, MD

Memorial Sloan - Kettering Cancer Center, New York, NY

7:30 – 8:30 am **Breast Proffered Paper Session 2**

(Parallel Session #1)

Moderators:

Robert R. Kuske, MD

Arizona Oncology Services, Scottsdale, AZ

Csaba Polgar, MD, PhD

National Institute of Oncology, Budapest, Hungary

7:30 – 9:00 am **Miscellaneous Poster Discussion**

(Parallel Session #2)

Moderators:

Pedro Kasdorf, MD

National Cancer Institute, Montevideo, Uruguay

Didier Peiffert, MD, PhD

Centre Alexis Vautrin, Nancy, France

8:30 – 9:30 am **Plenary Session: Top Four Abstracts Presented and Discussed**

Moderators:

W. Robert Lee, MD

Duke University Medical Center, Durham, NC

Kaled Alektiar, MD

Memorial Sloan - Kettering Cancer Center, New York, NY

David Wazer, MD

Tufts University School of Medicine, Boston, MA

Bradley R. Prestidge, MD

Texas Cancer Clinic, San Antonio, TX

9:30 – 9:50 am **Refreshment Break and Poster Viewing**

9:50 – 11:00 am

GYN Panel Session 2

Combining EBRT and Brachytherapy in Gynecological Cancer

Moderator:

Richard Poetter, MD

Medical University of Vienna, General Hospital Vienna, Vienna, Austria

Linking DVH Parameters To Clinical Outcome

Richard Poetter, MD

Medical University of Vienna, General Hospital Vienna, Vienna, Austria

Dosimetric and Topographic Uncertainties From EBRT or Brachytherapy

Kari Tanderup, PhD

Aarhus University Hospital, Denmark

Adding Dose Plans – How Robust Are the Radiobiologic Models?

Soren M. Bentzen, PhD, D.Sc.

University of Wisconsin, Madison, WI

3D Dose Optimization: IMRT, IMBT or a Combination?

Christian Kirisits, PhD, D.Sc

Medical University of Vienna, Vienna, Austria

9:50 – 10:50 am

(Parallel Session #1)

Breast Poster Discussion

Moderators:

Daniela Kauer Dorner, MD

Medical University of Vienna, Vienna, Austria

Alice Ho, MD

Memorial Sloan - Kettering Cancer Center, New York, NY

11:00 am – 12:00 noon

Physics Paper Session 2

Moderators:

Ivan Yeung, PhD

Princess Margaret Hospital, Toronto, Ontario, Canada

Larry DeWerd, PhD

University of Wisconsin, Madison, WI

11:00 am – 12:30 pm

(Parallel Session #1)

Prostate Poster Discussion 2: Planning and Dosimetry

Moderators:

Peter F. Orto, MD

Brooke Army Medical Center, Ft. Sam Houston, TX

Kent E. Wallner, MD

Puget Sound Health Care System, Seattle, WA

12:00 noon – 12:30 pm

Brachytherapy for Skin Cancer

Introduction:

William Bice, PhD

IMPS, San Antonio, TX

Speaker:

Zoubir Ouhib, PhD

Lynn Regional Cancer Center, Boca Raton, FL

12:30 – 2:00 pm

Lunch

(attendees on their own)

2:00 – 4:00 pm

Prostate Paper Session 3

Moderators:

Eric M. Horwitz, MD

Fox Chase Cancer Center, Philadelphia, PA



Joseph Bucci, MD
St. George Hospital Cancer Care Center
Sydney, Australia

2:00 – 2:50 pm
(Parallel Session #1)

History of Brachytherapy: Early Gynecologic Brachytherapists
Jesse Aronowitz, MD, ABS Historian
University of Massachusetts, Worcester, MA

2:00 – 3:30 pm
(Parallel Session #2)

Physics Poster Discussion
Image-Guided Brachytherapy or Unusual Modes of Brachytherapy
Moderator:
Bruce Thomadsen, PhD
University of Wisconsin, Madison, WI

Panelists:
Source Dosimetry
Ali Meigooni, PhD
University of Kentucky Medical Center, Lexington, KY

HDR QA and Ir-192 Dosimetry
Firas Mourtada, PhD
University of Texas MD Anderson Cancer Center, Houston, TX

4:00 pm

World Congress Adjourns

* Speakers, Topics and Times Subject to Change; Views Expressed are Not Necessarily the Views of the ABS or Other Participating Brachytherapy Societies



Program Agenda and Function Space

Day	Event	Function Room / Hotel Floor
Saturday to Tuesday	Registration	Registration Desk B / 4th Floor
Saturday	4:00-7:30 pm GEC-ESTRO Executive Group	Tufts / 3rd Floor
Sunday	Exhibits/Breakfast/Breaks/Posters	Back Bay Conference And Exhibition Center / 3rd Floor
Sunday	<u>General Sessions</u>	<u>Salons EF / 4th Floor</u>
	8:05 am Presidential Course	
	11:20 am Radiobiology	
	12:30 pm GEC-ESTRO Madame Curie Medal Presentation	
	2:00 pm Prostate Panel Session 1	
	3:00 pm Breast Panel Session 1	
	4:20 pm GYN Proffered Paper Session 1	
	<u>Parallel Session #1:</u>	<u>Salons A-D / 4th Floor</u>
	2:00-3:00 pm Physics Panel Session 1	
	3:00-4:00 pm Prostate Proffered Paper Session 1	
	4:20-6:10 pm Prostate Proffered Paper Session 2	
Sunday	Speaker Ready Room	Harvard / 3rd Floor
Sunday	Faculty Room	MIT / 3rd Floor
Sunday	International Hospitality Room	Bello Mondo / 2nd Floor
Sunday	12:20-1:00 pm Low Energy Brachytherapy Dosimetry Working Group	Tufts / 3rd Floor
	1:00-2:00 pm High Energy Brachytherapy Dosimetry Working Group	Tufts / 3rd Floor
Sunday	1:00-2:00 pm Residents' Luncheon <i>(for Residents only)</i>	Suffolk / 3rd Floor
Sunday	6:30 pm ABS Board Meeting	Regis Room / 3rd Floor
Sunday	6:15-7:30 pm Welcome Reception	Back Bay Conference And Exhibition Center / 3rd Floor
Monday	Exhibits / Breakfast / Breaks / Posters	Back Bay Conference And Exhibition Center / 3rd Floor
Monday	<u>General Sessions</u>	<u>Salons EF / 4th Floor</u>
	7:40 am GYN Panel Session 1	
	9:00 am Presidential Lecture and ABS Ulrich Henschke Award	
	10:00 am Breast Proffered Paper Session 1	
	11:00 am Breast Panel Session 2	
	2:00 pm Physics Panel Session 2	
	3:00 pm Prostate Panel Session 3	
	<u>Parallel Session #1:</u>	<u>Salons A-D / 4th Floor</u>
	7:30-8:00 am Health Economics	
	8:00-9:00 am Misc. Proffered Paper Session 1	
	10:00-11:00 am Physics Paper Session 1	
	2:00-3:00 pm Prostate Panel Session 2	



Program Agenda and Function Space

Day	Event	Function Room / Hotel Floor
	<u>Parallel Session #2:</u>	Salons H-K / 4th Floor
	10:00 am-12:30 pm Prostate Poster Discussion 1	
	2:00-3:00 pm GYN Poster Discussion	
	3:00-4:00 pm GYN Proffered Paper Session 2	
Monday	12:30-2:00 pm ABS Annual Business Meeting and ABS Membership Lunch <i>(ABS members only)</i>	Salon G / 4th Floor
Monday	4:30-6:00 pm <u>Practical Courses:</u>	
	a) LDR Prostate	Wellesley / 4th Floor
	b) LDR Prostate	Simmons / 4th Floor
	c) LDR Prostate	Yarmouth / 3rd Floor
	d) HDR Prostate	Suffolk / 4th Floor
	e) HDR Prostate	Vineyard / 3rd Floor
	f) HDR Prostate	Orleans / 3rd Floor
Monday		International Hospitality Room
Monday		Speaker Ready Room
Monday		Faculty Room
Monday	6:00-6:45 pm	ABS Physics Committee
Monday	7:00-9:00 pm	Gala Event At the Harvard Club; exit from 2nd floor of hotel, down the escalators by the Starbucks, at 6:30 for bus service (map included in registration packet, attendees can proceed to Club on their own if desired)
Tuesday		Exhibits/Breakfast/Breaks/Posters
Tuesday		Back Bay Conference and Exhibition Center / 3rd Floor
Tuesday		<u>General Sessions</u>
	7:30 am	Prostate Panel Session 4
	8:30 am	Plenary Session: Top Four Abstracts
	9:50 am	GYN Panel Session 2
	11:00 am	Physics Paper Session 2
	Noon	Brachytherapy for Skin Cancer
	2:00 pm	Prostate Paper Session 3
		<u>Parallel Session #1:</u>
		Salons A-D / 4th Floor
	7:30-8:30 am	Breast Proffered Paper Session 2
	9:50-10:50 am	Breast Poster Discussion
	11:00 am-12:30 pm	Prostate Poster Discussion 2
	2:00-2:50 pm	History of Brachytherapy
		<u>Parallel Session #2:</u>
		Salons H-K / 4th Floor
	7:30-9:00 am	Misc. Poster Discussion
	2:00-3:30 pm	Physics Poster Discussion
Tuesday		Speaker Ready Room
Tuesday		Faculty Room
Tuesday		International Hospitality Room
Tuesday	12:30-2:00 pm	Brachytherapy Subcommittee
		Harvard / 3rd Floor
		MIT / 3rd Floor
		Bello Mondo / 2nd Floor
		Tufts / 3rd Floor



2008 World Congress Exhibitors

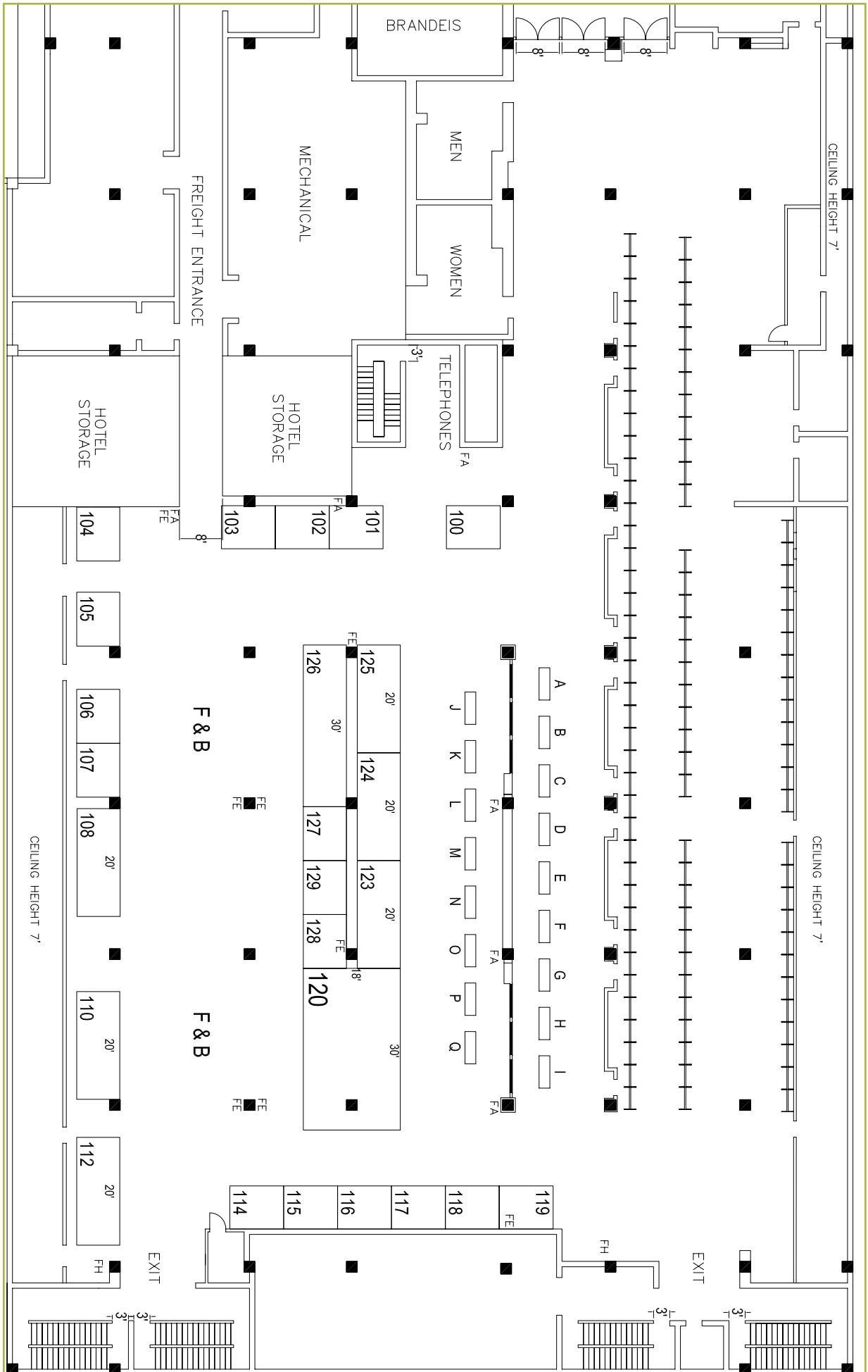
The American Brachytherapy Society and participating societies extend a sincere thank you to all of our corporate supporters and we encourage all attendees to visit with our exhibitors over the course of the meeting.

Company	Booth Number(s)	Tabletop(s)
Advanced Radiation Therapy		K
ALOKA Ultrasound	116	
Bard Urological Division	106	
Best Medical International	110	
B-K Medical Systems, Inc.	127	
Brachysciences	129	
BSD Medical	124	
Calypso Medical Technologies	115	
Cianna Medical	105	
Civco Medical Systems	117	
CMS		M
Core Oncology	123	
Eckert & Ziegler BEBIG GmbH		L
Elsevier Publishing	100	
Envisioneering Medical		Q
GE Healthcare		D, E
Harvard Medical School		H
Hitachi Medical Systems America	102	
Hologic	119	
IsoAid LLC	103	
IsoDose Control	112, 114	
IsoRay Medical, Inc.	101	
Lippincott Williams & Wilkins		I
Mick Radio Nuclear Instruments	104	
North American Scientific	108	
Nucletron	120	
Oncology Data Systems		A
Oncura	125	
Pro-Qura		P
Professional Dosimetry Services		J
Prowess Inc.		B
Resonant Medical		N
SenoRX	128	
Theragenics Corporation	118	
Varian BrachyTherapy	126	
Xoft, Inc.	107	

Meet Our Exhibitors and Be Eligible for Prize Drawings!

Your attendee envelope includes a signature card for each exhibiting company. Get your card completely filled out and turn it in to the ABS registration desk by 5:00 pm on Monday afternoon. On Tuesday morning there will be three prize drawings for those eligible to participate. Prizes will include two I-Pods and a Blackberry wireless handheld data organizer.

World Congress Exhibitors: Back Bay Conference and Exhibition Center (3rd Floor)



Oncura 2008 Seattle Prostate Brachytherapy Fellowship Recipients



Eva B. Bieniek, MD
New York Methodist Hospital
Brooklyn, NY

K. Kenneth Chao, MD
William Beaumont Hospital
Royal Oak, MI

Juno Choe, MD
University Hospitals of Cleveland
Cleveland, OH

Moataz El-Ghamry, MD
Ohio State University
Columbus, OH

Robert L. Hong, MD
Loyola University Medical Center
Chicago, IL

Adeel Kaiser, MD
University of California Irvine
Integrated Program
Seal Beach, CA

Robert McCammon, MD
University of Colorado
Denver, CO

Susan McCloskey, MD
Roswell Park Cancer Institute
Buffalo, NY

Subrata Saha, MD
Medical College Hospital
Calcutta, India

Jonathan D. Tward, MD, PhD
University of Utah
Holladay, UT

Faisal S. Vali, MD
Loyola University Medical Center
Maywood, IL

Stacy Wentworth, MD
Wake Forest University School of
Medicine
Winston Salem, NC

Oncura 2008 Resident Travel Grant Award Recipients

Jarrod Adkison, MD
University of Wisconsin

Five-year results for accelerated partial breast irradiation using mammosite balloon brachytherapy: the first 100 patients

Daniel Berger, MSc
Princess Margaret Hospital
University of Toronto

Uncertainties in assessing sigmoid dose volume parameters in mri guided fractionated HDR brachytherapy

Georgina Frohlich, MD
National Institute of Oncology

Spatial relationship of the 3d dose distribution from brachytherapy and external beam therapy for adding both dose plans in patients with cervix cancer

Charles Hodge, MD
University of Wisconsin

APBI outside the box: outcome analyses in "high risk" patients eligible for the NSABP B-39 / RTOG 0413 trial

Tracy Kelly, MD
Medical College of Wisconsin

Are we hitting the target and if not, can we safely alter the pear?

Shlomo Koyfman, MD
Cleveland Clinic

A comparison of biochemical relapse-free survival in patients with high-risk prostate cancer treated with permanent seed implant monotherapy, radical prostatectomy, or external beam radiotherapy

Samuel McGrath, MD
William Beaumont Hospital

Five year biochemical and clinical outcomes for high dose rate and low dose rate brachytherapy in the setting of favorable risk prostate cancer

Keyur Mehta, MD
Albert Einstein College of Medicine

Using a customized midline block defined by HDR brachytherapy imaging versus a standard midline block to compare bladder and rectum dose-volume histograms for parametrial boosts in advanced cervical carcinoma

Subrata Saha, MD
Medical College Hospital

Comparison between graphical optimization and geometrical optimization in HDR interstitial breast implants

Andrew Suen, MD
William Beaumont Hospital

Does brachytherapy reduce morbidity compared to external beam adaptive radiotherapy or pelvic irradiation with brachytherapy boost for localized prostate cancer?

Todd Swanson, MD, PhD
William Beaumont Hospital

Improved 10-year outcomes for prostate cancer patients with gleason 7-10 treated with high dose rate brachytherapy boost in the PSA era

Anna Thompson, MB, ChB, FRCR (UK)
BC Cancer Agency

Review of permanent interstitial ¹²⁵I prostate brachytherapy patients treated with biochemical failure and a minimum of 4 years follow up

Faisal Vali, MD, MSc
Loyola University Medical Center

Interfraction 3-dimensional variation in position of bladder and rectal hotspots during image-based HDR brachytherapy of the cervix: are we overestimating the dose to the organs at risk?

Nucletron 2008 Texas Cancer Clinic HDR Prostate Brachytherapy Fellowship Recipients



Nucletron

Robin S. Akins, MD

University of Miami
Miami, FL

Alexander Chi, MD

Loyola University Medical Center
Oak Park, IL

Andrew T. Figura, MD

James Cancer Hospital / Ohio State University
Worthington, OH

Christopher Goulet, MD

Billings Clinic
Billings, MT

Sharad Goyal, MD

UMDNJ/Cancer Institute of New Jersey
New Brunswick, NJ

Steven H. Lin, MD, PhD

The Johns Hopkins Hospital
Columbia, MD

Nicole Simone, MD

National Cancer Institute, National Institutes of Health
Bethesda, MD

Peter Rossi, MD

Emory University School of Medicine
Atlanta, GA

Jonathan D. Tward, MD, PhD

University of Utah
Holladay, UT

James J. Urbanic, MD

Wake Forest University Baptist Medical Center
Winston Salem, NC



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Dr. Kent Wallner did his medical studies at the Ohio State University, graduating in 1981. He did an internal medicine internship at the Cook County Hospital in Chicago. He did his residency at the UCSF, where he took an extra year to study cellular and biochemical aspects of hyperthermia, chemotherapy and radiation.

He served on staff at MSKCC from 1987 through 1997, where he helped pioneer transperineal prostate brachytherapy. He and colleagues at MSKCC were the first to describe CT-based prostate brachytherapy dosimetry, and the first to correlate dosimetry with complication rates. He was also the first to report the PSA bounce phenomenon and the effect of post-implant prostate swelling on dosimetry.

Dr. Wallner has served as the Chief of Radiation Oncology at the Puget Sound VA Hospital since 1987. During that time, he has teamed up with Dr. Gregory Merrick and others to run several large

prospective randomized trials testing the effects of isotope and dose on brachytherapy-related cure rates and complications. With maturation, these trials are helping to answer key questions regarding optimization of low dose rate prostate brachytherapy.

Dr. Wallner has co-authored approximately 200 original research articles, and three editions of the textbook *Prostate Brachytherapy Made Complicated*. He served as the 20th ABS president, from 1998-1999, and has served as our newsletter editor since 1998.

Dr. Wallner's extracurricular interests include hiking, gardening and scuba diving. He is currently finishing a scuba diving guide manual for Puget Sound.

It is a pleasure to honor Dr. Wallner with the 2008 ABS Ulrich Henschke Award. The Henschke Award is the most prestigious award presented by the ABS in recognition of contributions made to the profession.

2008 GEC-ESTRO Marie Curie Gold Medal Award

Monique Pernot, M.D.



Dr. Monique Pernot did her pre-medical studies in the Vosges, near the country of "Joan of Arc". She moved to Nancy, one of the oldest University of France, for her medical education.

She received her residency training in radiation oncology from 1953 to 1958 in the Regional Cancer Institute in Nancy, created in 1924. This institute was initially built as a "Radium Center", and the effectiveness of Radium was described few years ago for treatment of cervix carcinomas, on a thesis at the University in 1920. She began with the use of Radium needles for interstitial or endocavitary treatments. At that time, Radium was more effective than external beam irradiation was and she specialized since the first year of practicing medicine in brachytherapy also called "Curiethérapie" at that time.

In 1959, she achieved the status of assistant in Radiation Oncology. She could use radium for treatment of gynecologic, head and neck and periorificial tumors. She rapidly turned to the development of modern radioisotopes, with the school of brachytherapy developed in Paris by Bernard Pierquin and Daniel Chassagne. She spend several times in Paris to learn new techniques made possible by the miniaturized sources, and the rules of the Paris System also developed by Madame Dutreix using the "snake" for manual dosimetries. She also discovered the benefit of the plastic moulds for GYN. She was invited by Pr Pierquin to join the Groupe Européen de Curiethérapie in 1972 at Geneva.

Since the beginning, interested by the interstitial techniques, she explored the new possibilities of Iridium sources. At that time, she developed new techniques of implantation to improve the local control for Head & Neck tumors, especially the technique of implantation for

velotonsillar tumors using a suprahyoidian technique, as well as the loop technique to reduce the risk of posterior relapses for buccal mucosa primaries. She also contributed to demonstrate the very high local control rate obtained by brachytherapy alone for tongue and floor of mouth tumors. She analyzed the clinical and radiobiological factors that influence local control and late complications for Head & Neck tumors, in a series of patients of more than 1200 patients, followed-up over 10 years.

In GYN, she also developed new techniques including the "Umbrella technique" for endouterine carcinomas. Once again, she experienced a long follow-up that gave the possibility to analyze the prognostic factors for more than 1000 gynecologic patients. In the Nancy brachytherapy department, 300 to 400 patients were treated annually. Dr. Pernot also participated in several multiinstitutional studies of the GEC group. She became secretary of this group and welcomed it in Nancy several times.

A few years later, after the GEC joint the ESTRO Group, she organized the GEC-ESTRO annual meeting in Nancy in 1993, and welcomed 250 attendees.

Monique Pernot published more than 30 international scientific papers as first author, several book chapters, more than 100 abstracts. She welcomed and taught residents and postgraduates coming from all countries around the world, some of them being major brachytherapist nowadays in their countries.

Monique Pernot was in charge of brachytherapy in Nancy for 40 years, and head of the department during this time. In 1996 she retired from the clinical practice, but continued to analyze and publish her data, and to participate to teaching sessions all around the world. At that time, she received in 1998 the medal of "Chevalier dans l'Ordre National du Mérite". She received the medal of the Société Française de Radiothérapie Oncologique (SFRO) in 2001. She continues to be active in patient care, and is also well invested with her 10 grand children.

Monique Pernot, described par Pr Pierquin as "Papesse of Brachytherapy" always worked with modesty, and high sense of humility, very close to the patients, their questions and aims, honest and realistic considering the possibilities and limits of brachytherapy, opened the new developments of cancer treatment, and in perfect harmony with other specialists. She created a Nancy school of brachytherapy and her name is associated with other brachytherapy "pionniers".

It is a pleasure to honor Dr. Monique Pernot with the 2008 Marie Curie Gold Medal Award. The Curie Award is the most prestigious award presented by the GEC-ESTRO in recognition of contributions made to the profession.

ABS Future Annual Meetings



2009 ABS Annual Meeting

Toronto, Ont., Canada
Westin Harbour Castle
May 31-June 2, 2009



2010 ABS Annual Meeting

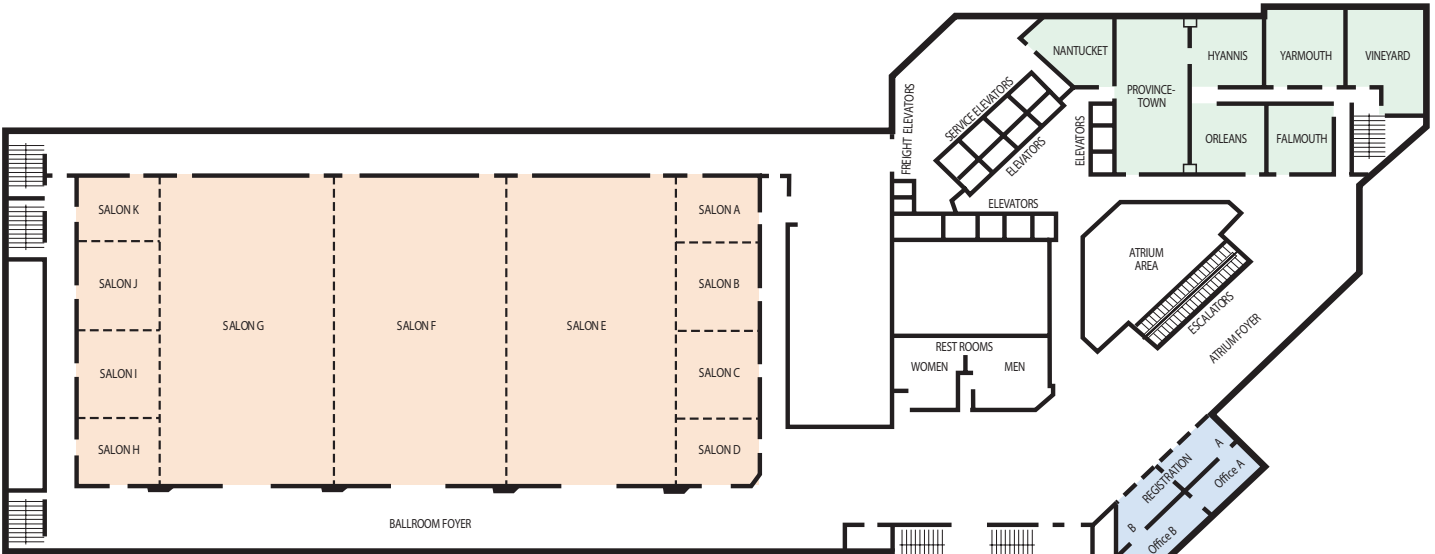
Atlanta, GA
Hyatt Regency Atlanta
April 29-May 1, 2010

Marriott Copley Place

Third Floor



Fourth Floor



Fifth Floor

