



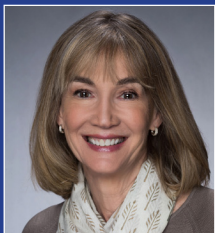
THORACIC IMAGING 2020 ANNUAL MEETING AND POSTGRADUATE COURSE

HYATT REGENCY INDIAN WELLS RESORT & SPA
INDIAN WELLS, CALIFORNIA
GREATER PALM SPRINGS AREA

MARCH 8-11, 2020



from the president



The Society of Thoracic Radiology will host its 38th Annual Meeting on March 8-11, 2020 at The Hyatt Regency Indian Wells Resort and Spa, in the Greater Palm Springs, California area. The program committee, headed by President-Elect Jane Ko, MD, in collaboration with Educational Committee Chair, Jeffrey Kanne, MD, has designed an outstanding, comprehensive postgraduate radiology course in cardiothoracic imaging. The course curriculum covers a variety of cardiothoracic imaging topics including lung cancer and lung cancer screening, airway and interstitial lung diseases, quantitative imaging and AI, thoracic trauma, pulmonary vascular imaging, cardiac CT and MR, coronary artery imaging, imaging the acutely ill patient, and quality improvement. Self-assessment modules (SAMs) will provide important opportunities for maintenance of certification and life-long learning needs.

HIGHLIGHTS OF THE 2020 MEETING INCLUDE:

- The Gordon Gamsu Lecture, entitled "Pathology of ILD: New entities, intersection with thoracic radiology, and review of transbronchial cryobiopsy" will be presented by Thomas Colby, MD from Mayo Clinic Scottsdale on Monday, March 9 at 9:25 AM. This will be followed by the Interstitial Lung Disease Board: Radiology-pathology diagnosis of interstitial lung disease, moderated by Dr. Seth Kligerman. Panelists include Dr. Thomas Colby, Dr. David Lynch, and Dr. Santiago Rossi. Also, Chris Treml from the ACR will be discussing Artificial Intelligence and how radiologists can get involved.
- Monday morning will also include a session devoted to Health and Wellness, moderated by the co-chairs of the STR Health and Wellness Committee, Drs. Julianna Czum and Cris Meyer. This session includes an invited presentation by former STR President Dr. Stephen Swensen. Dr. Swensen will address issues related to physician burnout and job satisfaction in "Co-Creating Ideal Radiology Work: Six Actions to Flourish."
- The Tuesday, March 10 morning schedule includes the Scanlon Lecture "Updates on Surgical Treatment for Stage I Lung Cancer" presented by Jessica Donington, MD from the University of Chicago. The Benjamin Felson Memorial Lecture "The Rapid Evolution of the Management of Lung Cancer" will be presented by Edward Garon, MD from UCLA. Drs. Donington and Garon will then join Dr. Michelle Ginsberg and Dr. Jo-Anne Shepard in a Multidisciplinary Thoracic Tumor Board, moderated by Dr. Johnny Vlahos. Another Tuesday morning session will include an update on the hot topic of e-cigarette and vaping-related lung disease.
- Tuesday afternoon includes the Junior Faculty and Trainee Development Series. Dr. Sanjeev Bhalla will share his experience with creating an Educational Exhibit, and Dr. Jeffrey Klein will discuss "Publishing your educational work," followed by a panel discussion.
- Geoffrey Rubin, MD will reprise his role as host of the popular session, "Cardiothoracic Conundrums: Cases that Amaze and Inform" on Sunday afternoon. No one can forget the migratory breast implant from last year, so look for your own opportunity to participate in this light-hearted, but educational session and maybe even take home the 2020 Conundrum trophy!
- There will be three small group breakfast sessions this year. These begin at 7:10 AM on Monday, March 9, with concurrent sessions on "Biopsy & Thoracic Interventional Procedures," and "Cardiovascular MR and CT: How I Do It." The breakfast session on Tuesday morning, March 10 will cover "Well-being Initiatives— an Open Discussion Forum Regarding Implementation."
- Once again, Monday afternoon is our Networking afternoon and multiple events are planned, including an STR golf outing, Jeep and a Palm Springs celebrity homes tour, and of course, lounging by the pool.

March is perhaps the best time to visit Indian Wells, as temperatures average a high of 80° F during the day and a low of 52° F at night. The Hyatt Regency Indian Wells Resort and Spa is a lovely venue for the meeting, with views of the mountains, seven temperature-controlled swimming pools, a spa and fitness center, and access to two 18-hole golf courses. This is a great place to warm up after a long winter!

I look forward to seeing you in Indian Wells!

Caroline Chiles, MD
President

2020 PROGRAM COMMITTEE



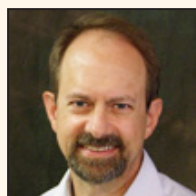
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Hospital de Sant Pau, Spain

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University of Maryland School of Medicine
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Cristina Fuss, MD

Oregon Health & Science University

Edward Garon, MD

University of California Los Angeles

Warren Gefter, MD

Penn Medicine

Subha Ghosh, MD

Cleveland Clinic

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Memorial Sloan Kettering Cancer Center

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MD Anderson Cancer Center

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Northwell Health System

Curtis Green, MD

The University of Vermont Medical Center

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Weill Cornell Medical Center

James Gruden, MD

Weill Cornell Medical Center

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Montefiore Medical Center
Albert Einstein College of Medicine

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University of California San Diego

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Chi Wan Koo, MD

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Keiko Kuriyama, MD, PhD

Osaka National Hospital, Japan

Joanna Kusmirek, MD

University of Wisconsin

Larry Latson, Jr. MD

New York University Langone Health

Matthew Lazarus, MD, PhD

Montefiore Medical Center

Elizabeth Lee, MD

University of Michigan Health System

Alan Legasto, MD

Weill Cornell Medicine

Ann Leung, MD

Stanford University Medical Center

John Lichtenberger, MD

The George Washington University Hospital

Diana Litmanovich, MD

Beth Israel Deaconess Medical Center

Brent Little, MD

Massachusetts General Hospital

David Lynch, MB, BCh

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Edith Marom, MD

The Chaim Sheba Medical Center, Israel

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University of Wisconsin School of Medicine and Public Health

Shaunagh McDermott, MB, BCh, BAO

Massachusetts General Hospital

Theresa McLoud, MD

Massachusetts General Hospital
Harvard Medical School

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University of Colorado

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Toronto General Hospital
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The University of Texas
Health Science Center at Houston

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Seoul National University, Korea

Smita Patel, MBBS

University of Michigan Health System

Narinder Paul, MD, FRCR

LHSC - University Hospital

Gregory Pearson, MD, PhD

Westchester Medical Center

Rocio Perez Johnston, MD

Memorial Sloan-Kettering Cancer Center

Sudhakar Pipavath, MD

University of Washington Medical Center

Andrew Plodkowski, MD

Memorial Sloan-Kettering Cancer Center

Melissa Price, MD

Massachusetts General Hospital

Steven Primack, MD

Oregon Health and Science University

Constantine Raptis, MD

Mallinckrodt Institute of Radiology
Washington University School of Medicine

Demetrios Raptis, MD

Mallinckrodt Institute of Radiology
Washington University School of Medicine

Carole Ridge, MD

Royal Brompton and Harefield NHS
Foundation Trust, England

Santiago Rossi, MD

Centro Rossi / Hospital Cetrangolo, Argentina

Geoff Rubin, MD

Duke University

Andrew Schapiro, MD

Cincinnati Children's Hospital
Medical Center

U. Joseph Schoepf, MD

Medical University of South Carolina

Amar Shah, MD

Northwell Health-North Shore and
Long Island Jewish Hospitals

Jo-Anne Shepard, MD

Massachusetts General Hospital

Maria C. Shiao, MD, MA

New York University Langone Health

Girish Shroff, MD

University of Texas
MD Anderson Cancer Center

Arlene Sirajuddin, MD

National Institutes of Health

Baskaran Sundaram, MD

Thomas Jefferson University Hospital
Jefferson Medical College

Stephen Swensen, MD, MMM

Mayo Clinic
Institute for Healthcare Improvement

Irena Tocino, MD, FACR

Yale University

Chris Trembl

American College of Radiology
Data Science Institute

Mylene Truong, MD

University of Texas
MD Anderson Cancer Center

Daniel Vargas, MD

University of Colorado

Johnny Vlahos, MBBS, MRCP, FRCR

University of Texas
MD Anderson Cancer Center

Christopher Walker, MD

University of Kansas Medical Center

Yung-Liang Wan, MD

Linkou Chang Gung Memorial Hospital
Chang Gung University, Chinese Taipei

Charles White, MD

University of Maryland School of Medicine

Carol Wu, MD

University of Texas
MD Anderson Cancer Center

Kavitha Yaddanapudi, MD

University of Arizona, Tucson, Arizona

Wenjie Yang, MD, PhD

Ruijin Hospital Affiliated with Shanghai
Jiaotong University School of Medicine,
China

This 4-day course will feature internationally recognized experts on the subjects of imaging of the lungs, heart, thoracic vasculature, mediastinum, and pleura.

FELSON LECTURE

The Rapid Evolution of the Management of Lung Cancer

Edward Garon, MD Associate Professor of Medicine, Director of the Thoracic Oncology Program at the Jonsson Comprehensive Cancer Center at UCLA

GAMSU LECTURE

Pathology of ILD: New Entities, Intersection with Thoracic Radiology, and Review of Transbronchial Cryobiopsy

Thomas V. Colby, MD Emeritus Professor of Pathology and Laboratory Medicine, Mayo Clinic Arizona

SCANLON LECTURE

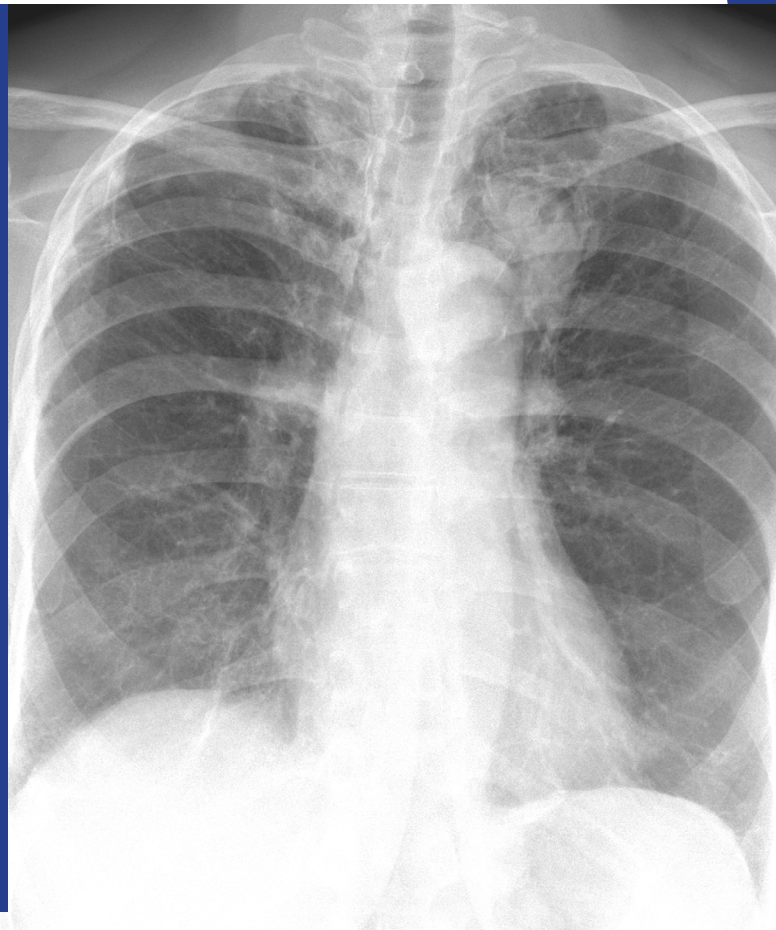
Updates on Surgical Treatment for Stage I Lung Cancer

Jessica Donington, MD Professor and Chief of the Section of General Thoracic Surgery, University of Chicago Medicine

HEALTH AND WELLNESS LECTURE

Co-Creating Ideal Radiology Work: Six Actions to Flourish

Steven Swensen, MD, MMM Professor Emeritus of Mayo Clinic College of Medicine and Science, Former Director of the Leadership and Organization Development of Mayo Clinic, Senior Fellow of the Institute for Healthcare Improvement.



COURSE DESCRIPTION

ACCREDITATION INFORMATION

The Society of Thoracic Radiology is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians. The Society of Thoracic Radiology (STR) designates this live activity for a maximum of 28.25 AMA PRA Category 1 Credits™

Physicians should claim only credit commensurate with the extent of their participation in the activity.

SIX SELF-ASSESSMENT MODULES (SAM)

Certified by the American Board of Radiology

STATEMENT OF NEED

Radiologists and practitioners with an interest in the science and practice of cardiothoracic imaging need to acquire comprehensive knowledge of the diagnosis, imaging, and management of affected patients to achieve excellence in delivery of care.

TARGET AUDIENCE

This course is designed for cardiothoracic radiologists, diagnostic radiologists, pulmonary medicine specialists, cardiothoracic surgeons, and fellows and residents with an interest in cardiothoracic imaging. Because of the prevalence of diseases of the chest in the general population, the course will also be of value to internists and family physicians.

COURSE OBJECTIVES

1. Discuss and illustrate established guidelines for the diagnosis and management of cardiothoracic diseases
2. Explain the role and new advances in imaging of cardiovascular diseases, including those affecting the coronary arteries, valves, myocardium, aorta, and pulmonary vasculature
3. Establish the importance of a multidisciplinary approach for diagnosing and treating patients with interstitial lung disease, lung nodules, and lung cancer
4. Recognize the role of imaging in lung cancer screening
5. Review imaging of patients with cardiopulmonary disease in acute, post-operative, and emergency scenarios
6. Identify pitfalls encountered in performance and interpretation of cardiothoracic imaging studies such as those directed towards lung nodules, interstitial lung disease, radiograph interpretation, and cardiovascular diseases
7. Describe current and emerging CT and MR techniques for both thoracic and cardiac applications and computer-aided methods such as artificial intelligence, radiomics, and quantitative analysis
8. Review quality improvement, workflow, faculty development, wellness initiatives, and topics applicable to clinical practice

SUNDAY, MARCH 8, 2020

6:30 am – 6:00 pm Registration/Information Desk Open

7:30 am – 7:40 am Welcome and Introduction

7:40 am – 8:10 am CASE OF THE DAY – SESSION 1

Moderators: *Kathleen Brown, MD and Chi Wan Koo, MD*

7:40 am Case of the Day 1 *Franklin Dana, MD*

7:50 am Case of the Day 2 *Lauren K. Groner, DO*

8:00 am Case of the Day 3 *Elizabeth Lee, MD*

8:10 am – 9:50 am SESSION 1 - CARDIOPULMONARY VASCULAR IMAGING (SAM)

Moderators: *Carol Dennie, MD, FRCPC and Ralph Drosten, MD*

8:10 am Chronic Thromboembolic Disease: A Multidisciplinary Approach *Seth Kligerman, MD*

8:25 am Technical Variations and Clinical Implications of Pulmonary Vascular Dual Energy/Spectral Imaging
Johnny Vlahos, MBBS, MRCP, FRCR

8:40 am Rad-Path Correlation of Unusual Thoracic Vascular Disorders *Aletta Ann Frazier, MD*

8:55 am Approach to Ascending Aortic Repair *Constantine Raptis, MD*

9:10 am Beyond the Enlarged Pulmonary Artery: Usual and Unusual Causes of Pulmonary Artery Enlargement
Rydhwana Hossain, MD

9:25 am Coronary CT Angiography - From Structure to Function *U. Joseph Schoepf, MD*

9:40 am Q & A / SAMS

9:50 am – 10:20 am BREAK

10:20 am – 12:00 pm SESSION 2: LUNG CANCER SCREENING AND MALIGNANCY (SAM)

Moderators: *Keiko Kuriyama, MD, PhD (ASTR) and Ann Leung, MD*

10:20 am Impact of LungRADS v1.1 on Positive Screen Rates and Next Steps *Ella Kazerooni, MD*

10:35 am Lung Cancer Screening: Results from International Studies *Charles White, MD*

10:50 am Understanding Lung-RADS v1.1: A Case-Based Review *Myrna Godoy, MD, PhD*

11:05 am Why are Rates of Lung Cancer Screening So Low---and What Can We Do to Raise Them? *Phillip Boisselle, MD*

11:20 am Significance and Evaluation of Coronary Artery Calcification in Low-Dose Chest CT *Yung-Liang Wan, MD (ASTR)*

11:35 am Mimics of Thoracic Malignancy: A Case-Based Review *Steven Primack, MD*

11:50 am Q & A / SAMS

12:00 pm – 1:00 pm LUNCH

1:00 pm – 2:30 pm SESSION 3: AIRWAY AND INTERSTITIAL LUNG DISEASES

Moderators: *Jeffrey Alpert, MD and Jonathan Chung, MD*

1:00 pm Adult Small and Large Airways Disease *Theresa McLoud, MD*

1:15 pm Nonspecific Interstitial Pneumonia: Imaging, Pathologic, and Clinical Approach *Brett Elicker, MD*

1:30 pm Childhood Interstitial Lung Disease More Prevalent in Infancy *Andrew Schapiro, MD*

1:45 pm Approach to Chronic Airspace Disease *Jitesh Ahuja, MD*

2:00 pm Holes in the Lung: Pitfalls and Pearls *Jeffrey Kanne, MD*

2:15 pm Q & A

2:30 pm – 3:00 pm BREAK

3:00 pm – 4:00 pm SESSION 4: QUANTITATIVE IMAGING AND ARTIFICIAL INTELLIGENCE: CONCEPTS AND APPLICATIONS

Moderators: *Albert Hsiao, MD, PhD and Wenjie Yang, MD, PhD (ASTR)*

3:00 pm Setting the Target: Define-AI and Data Standards *Chris Tremblay*

3:15 pm AI in Chest Radiographs: From Development to Clinical Applications *Chang-Min Park, MD, PhD (ASTR)*

3:30 pm Deploying Machine Learning Algorithms for Lung Nodule Evaluation: Practical Considerations *Warren Gefter, MD*

3:45 pm Q & A

4:00 pm – 4:45 pm SCIENTIFIC SESSION I Moderators: *Li Fan, MD (ASTR) and Florian Fintelmann, MD*

4:45 pm – 5:00 pm BREAK

5:00 pm – 6:00 pm CARDIOTHORACIC CONUNDRUMS - LESSONS LEARNED Moderator: *Geoffrey Rubin, MD*

6:30 pm – 8:30 pm WELCOME RECEPTION (Exhibit Area and Main Pool)

MONDAY, MARCH 9, 2020

6:30 am – 1:30 pm Registration/Information Desk Open

7:10 am – 7:50 am SMALL GROUP CONCURRENT BREAKFAST SESSION 1.1:

Biopsy and Interventional Chest: Technique, Challenging Lesions, Managing Complications, Sampling Considerations, Ablative Therapies and More

Moderators: *Fereidoun Abtin, MD and Jo-Anne Shepard MD*

Panelists: *Andetta Hunsaker, MD and Carole Ridge, MD*

7:10 am – 7:50 am SMALL GROUP CONCURRENT BREAKFAST SESSION 1.2:

How I Do it in Cardiovascular MR and CT: Tackling Protocols for Various Indications (including Congenital) and Other Essentials.

Moderators: *Kristopher Cummings, MD and Larry Latson, Jr, MD*

Panelists: *Prachi Agarwal, MD and Cristina Fuss, MD*

7:50 am – 7:55 am Introduction and Announcements

7:55 am – 9:25 am SESSION 5: INTERSTITIAL PNEUMONIAS AND ILD (SAM)

Moderators: *Thomas Hartman, MD and Stefan Heinze, MBBS, FRANZCR*

7:55 am Current Guidelines in the Diagnosis of UIP/IPF: The Confusion Continues *James Gruden, MD*

8:10 am Familial Pulmonary Fibrosis and the Genetics of Interstitial Lung Disease *Travis Henry, MD*

8:25 am Hypersensitivity Pneumonitis: Case-Based Review *Santiago Rossi, MD*

8:40 am Early Interstitial Abnormality on CT: What to Do, and Why? *David Lynch, MB, BCh*

8:55 am AI Algorithms to Detect and Quantify Pulmonary Fibrosis *Jonathan Goldin, MD, PhD*

9:10 am Q & A / SAMS

9:25 am – 10:35 am SESSION 6: INTERSTITIAL LUNG DISEASE: MULTIDISCIPLINARY APPROACH Moderator: *Seth Kligerman, MD*

9:25 am **GAMSU LECTURE:** Pathology of ILD: New Entities, Intersection with Thoracic Radiology, and Review of Transbronchial Cryobiopsy *Thomas V. Colby, MD*

9:55 am PANEL: ILD BOARD: Radiology-Pathology Diagnosis of Interstitial Lung Disease *Thomas V. Colby, MD, David Lynch, MB, BCh, Santiago Rossi, MD*

10:20 am Q & A

10:35 am – 11:05 am BREAK

11:05 am – 12:05 am SESSION 7: HEALTH AND WELLNESS Moderators: *Julianna Czum, MD and Cristopher Meyer, MD*

11:05 am Co-Creating Ideal Radiology Work: Six Actions to Flourish *Stephen Swensen, MD, MMM*

11:50 am Q & A

12:05 pm – 12:10 pm LIFETIME ACHIEVEMENT AWARD PRESENTATION Moderator: *Reginald F. Munden, MD, DMD*

12:10 pm – 1:10 pm STR BUSINESS LUNCH

STR NETWORKING AFTERNOON – Networking activities will include golfing, tours, and wellness activities. More information will be on the conference app, website and this brochure.

TUESDAY, MARCH 10, 2020

6:30 am – 6:00 pm Registration/Information Desk Open

7:10 am – 7:50 am SMALL GROUP BREAKFAST SESSION 2: Well-Being Initiatives - Open Discussion Forum Regarding Implementation Moderators: *Julianna Czum, MD and Stephen Swensen, MD, MMM*

7:50 am – 7:55 am Introduction and Announcements

7:55 am – 9:25 am SESSION 8: TRAUMA, INFECTION, AND SUBSTANCE ABUSE (SAM)

Moderators: *Yasuyuki Kurihara, MD (ASTR) and Alan Legasto, MD*

7:55 am Thoracic Imaging in War *John Lichtenberger, MD*

8:10 am Vascular Injury in Thoracic Trauma *Loren Ketai, MD*

8:25 am Emerging Respiratory Infections *Tomás Franquet, MD, PhD*

8:40 am Beyond Tobacco: Imaging of Substance Use Related Diffuse Lung Disease *Kimberly Kallianos, MD*

8:55 am Non-Infectious Pulmonary Manifestations of HIV/AIDS *Shaunagh McDermott, MB BCh BAO*

9:10 am Q & A / SAMS

9:25 am – 9:55 am BREAK

TUESDAY, MARCH 10, 2020 *continued*

9:55 am – 12:00 pm **SESSION 9: MULTIDISCIPLINARY APPROACH TO DIAGNOSIS AND TREATMENT OF LUNG CANCER**
Moderators: *Caroline Chiles, MD and Jane Ko, MD*

9:55 am **SCANLON LECTURE:** Updates on Surgical Treatment for Stage I Lung Cancer *Jessica Donington, MD*

10:25 am Post Radiation Therapy Lung Imaging *Michelle Ginsberg, MD*

10:40 am Dilemmas and Pitfalls in Lung Cancer Staging *Mylene Truong, MD*

10:55 am **FELSON LECTURE:** The Rapid Evolution of the Management of Lung Cancer *Edward Garon, MD*

11:25 am PANEL: MULTIDISCIPLINARY THORACIC MALIGNANCY TUMOR BOARD

Moderator: *Johnny Vlahos, MBBS, MRCP, FRCR*

Panelists: *Jessica Donington, MD, Edward Garon, MD, Michelle Ginsberg, MD, Jo-Anne Shepard, MD*

11:50 am Q & A

12:00 pm – 1:00 pm **LUNCH**

1:00 pm – 2:30 pm **CONCURRENT SESSION 10.1: CARDIAC MASSES, CARDIOMYOPATHIES AND MR**

Moderators: *Gregory Pearson, MD, PhD and Arlene Sirajuddin, MD*

1:00 pm Cardiac Tumors / Pseudotumors *Joanna Kusmirek, MD*

1:15 pm Imaging in Cardio-Oncology: Cardiovascular Toxicity after Cancer Therapy *Daniel Ocazonez, MD*

1:30 pm Meaningful Metrics in Hypertrophic Cardiomyopathy *Amar Shah, MD*

1:45 pm MRI of Infiltrative Cardiomyopathy *Baskaran Sundaram, MD*

2:00 pm Pitfalls in Cardiac MRI and CT Interpretation: Cases Where Reviewing the Echo Changed the Diagnosis!
Elsie Nguyen, MD, FRCPC

2:15 pm Q & A

1:00 pm – 2:30 pm **CONCURRENT SESSION 10.2: THORACIC ONCOLOGY: PITFALLS, IMAGING TECHNIQUES, AND CHALLENGES** Moderators: *Judith Amorosa, MD and Patricia de Groot, MD*

1:00 pm Pitfalls in Tumor Response Assessment *Edith Marom, MD*

1:15 pm Shades of Gray: Problem Solving for Subsolid Densities *Lea Azour, MD*

1:30 pm Assessing Pulmonary Nodules by PET/CT in 2020: What is the Current Status? *David M. Naeger, MD*

1:45 pm A Primer on Cytopathology for the Interventional Chest Radiologist *Michael Chung, MD*

2:00 pm Problem Solving with Thoracic MRI, Now and in the Future *Jeanne Ackman, MD, FACR*

2:15 pm Q & A

2:30 pm – 3:00 pm **BREAK**

3:00 pm – 4:30 pm **CONCURRENT SESSION 11.1: CARDIAC IMAGING: ESSENTIALS (SAM)**

Moderators: *Isabel Cortopassi, MD and Linda Haramati, MD*

3:00 pm Aortic Valve Assessment in the Post-TAVR Patient *Jean Jeudy, MD*

3:15 pm Coronary Artery Imaging: Beyond Stenosis - Anomalies, Aneurysms, and Dissection *Kristopher Cummings, MD*

3:30 pm Evaluating Coronary Bypass Grafts on Routine Chest CT: Beyond "CABG Clips are Present" *Curtis Green, MD*

3:45 pm Cardiovascular Assist Devices of the Thorax: From the Simple Pacemaker to the Total Artificial Heart
Katherine Kaproth-Joslin, MD, PhD

4:00 pm Congenital Heart Disease Presenting in Adulthood: Case-Based Approach *Prachi Agarwal, MD, MS*

4:15 pm Q & A / SAMS

3:00 pm – 4:30 pm **CONCURRENT SESSION 11.2: QUALITY IMPROVEMENT AND APPLICATIONS IN CLINICAL PRACTICE**

Moderators: *John Connolly, MD and Steven Montner, MD*

3:00 pm Getting Started with Peer Learning: What It Is, Options for Setting Up a Program, and How to Do It with Minimal Resources *Brian Haas, MD*

3:15 pm Personal Finance: An Under-recognized Cause of Physician Burnout *Christopher Walker, MD*

3:30 pm We're Not There Yet: Disturbing Facts About Lung Cancer Screening Program Websites and a Call for Improvement
Brent Little, MD

3:45 pm Closing the Loop: Program Development for Lung Nodule Follow-up and Tracking *Andrew Bierhals, MD, MPH*

4:00 pm Leveraging Information Systems in Support of Efficient and Appropriate Selection and Protocols of Thoracic CT Studies
Irena Tocino, MD, FACR

4:15 pm Q & A

TUESDAY, MARCH 10, 2020 *continued*

4:30 pm – 5:30 pm	SCIENTIFIC SESSION II Moderators: <i>H. Henry Guo, MD, PhD and Cylen Javidan-Nejad, MD</i>
5:30 pm – 6:15 pm	JUNIOR FACULTY AND TRAINEE DEVELOPMENT SERIES - EDUCATIONAL POSTERS AND PUBLICATIONS Moderators: <i>Diana Litmanovich, MD and Carol Wu, MD</i>
5:30 pm	An Approach to Educational Exhibits <i>Sanjeev Bhalla, MD</i>
5:45 pm	Publishing your Educational Work <i>Jeffrey Klein, MD</i>
6:00 pm	Panel / Q & A Panelists: <i>Sanjeev Bhalla, MD, Jeffrey Klein, MD, Diana Litmanovich, MD, Edith Marom, MD</i>
6:15 pm – 7:15 pm	STR Junior Faculty, Trainee & New Member Reception

WEDNESDAY, MARCH 11, 2020

6:30 am – 3:30 pm	Registration/Information Desk Open
7:00 am – 7:30 am	SCIENTIFIC SESSION III Moderator: <i>Saurabh Agarwal, MD and Mark Hammer, MD</i>
7:30 am – 8:00 am	CASE OF THE DAY - SESSION 2 Moderators: <i>Daniela Martin, MD and Maria C. Shiau, MD, MA</i>
7:30 am	Case of the Day 4 <i>Allison Ferreira, DO</i>
7:40 am	Case of the Day 5 <i>Matthew Lazarus, MD, PhD</i>
7:50 am	Case of the Day 6 <i>Rocio Perez Johnston, MD</i>
8:00 am – 8:05 am	Introduction and Announcements
8:05 am – 9:50 am	SESSION 12: CARDIAC: STRUCTURAL HEART DISEASE, AND CORONARY ARTERIES (SAM) Moderators: <i>Abhishek Chaturvedi, MBBS and Daniel Vargas, MD</i>
8:05 am	Preprocedural Imaging Prior to TAVR: How I Do It <i>Michael Kadoch, MD</i>
8:20 am	Imaging of the Left Atrium and Left Atrial Appendage: What You Need to Know <i>Smita Patel, MBBS</i>
8:35 am	Plaque Imaging - Characteristics, Current Knowledge, and Future Directions <i>Nikhil Goyal, MD</i>
8:50 am	Advanced Coronary CT: Evaluation of the Vessel Wall Tips and Tricks <i>Narinder Paul, MD, FRCR</i>
9:05 am	Myocardial Infarction with Normal Coronary Arteries (MINCA): Potential Etiologies and Imaging Findings <i>Daniel Vargas, MD</i>
9:20 am	How We Do It: ECG-Gated CTA of Adult Congenital Heart Disease <i>Larry Latson, Jr. MD</i>
9:35 am	Q & A / SAMS
9:50 am – 10:00 am	AWARDS PRESENTATION Moderators: <i>Saurabh Agarwal, MD and H. Henry Guo, MD, PhD</i>
10:00 am – 10:15 am	BREAK
10:15 am – 12:00 pm	SESSION 13: IMAGING THE ACUTELY ILL PATIENT Moderators: <i>Cristina Fuss, MD and Sudhakar Pipavath, MD</i>
10:15 am	Imaging Approach to Misplaced / Malpositioned Central Venous Catheters <i>Demetrios Raptis, MD</i>
10:30 am	Cardiopulmonary Disease in the Pregnant Patient <i>Lynn Broderick, MD</i>
10:45 am	Revisiting the Aortic Intramural Hematoma <i>Sanjeev Bhalla, MD</i>
11:00 am	Chest Radiography of Newer Intra-Cardiac Devices <i>Subha Ghosh, MD</i>
11:15 am	Vascular Complications of Pulmonary Resection <i>Melissa Price, MD</i>
11:30 am	Leukemia in the Thorax <i>Girish Shroff, MD</i>
11:45 am	Q & A
12:00 pm – 1:00 pm	LUNCH
1:00 pm – 3:00 pm	SESSION 14: CARDIOPULMONARY IMAGING: FROM THE BASICS TO THE NEW Moderators: <i>Andrew Plodkowski, MD and Kavitha Yaddanapudi, MD</i>
1:00 pm	Esophageal Disease as Encountered by the Chest Radiologist <i>Cylen Javidan-Nejad, MD</i>
1:15 pm	Emerging Concepts in Thoracic Cancer: Year in Review <i>Sharyn Katz, MD, MTR</i>
1:30 pm	Complications from Lung Ablation: Lessons Learned <i>Fereidoun Abtin, MD</i>
1:45 pm	MRI in Lung Cancer - Current Status and Our Experience <i>Dhiraj Baruah, MBBS, MD, FSCMR</i>
2:00 pm	Lung Cancer Screening - Tackling the Barriers <i>Debra Dyer, MD</i>
2:15 pm	Pulmonary Function Tests: What the Thoracic Radiologist Needs to Know <i>Anu Brixey, MD</i>
2:30 pm	Imaging Evaluation of Pneumoconiosis <i>Stephen Hobbs, MD</i>
2:45 pm	Q & A
3:00 pm	ADJOURN

GENERAL MEETING INFORMATION

REGISTRATION INFORMATION

Registration will be located in Conference Center Foyer. Registration begins on Sunday, March 8 at 6:30 a.m. and will be held during the listed hours of the meeting.

Registration rates can be found on the registration page in the brochure and on the STR website. Early registration discount applies before January 28, 2020. The registration fee includes an electronic syllabus, continental breakfast, breaks, and a welcome reception. The reception is for all registrants and their guests.

SOCIETY MEMBERSHIP INFORMATION

Membership in the Society of Thoracic Radiology is open to any radiologist who has an interest in thoracic radiology. For more information, contact the Society of Thoracic Radiology 1061 East Main Street, East Dundee, Illinois 60118 Phone: 847.752.6626 Caitlin@veritasmeetingsolutions.com www.thoracicrad.org

Be sure to apply for membership prior to January 27, 2020 to receive the STR member rate for the 2020 Annual Meeting.

CALLING TRAINEES, EARLY CAREER RADIOLOGISTS, AND EARLY CAREER AND STR NEW* MEMBERS

**Members who have joined the STR in the last 5 years*

We have organized a special reception just for you! Join us for an opportunity to learn more about the STR and how to get involved. Take advantage of this opportunity to network your colleagues and the current Board and Committee members of the Society.

CODE OF CONDUCT

The Society of Thoracic Radiology is dedicated to disseminating knowledge about the imaging of cardiothoracic diseases and strives to create a safe and welcoming environment at the Annual Meeting. As members of STR we aspire to be leaders who value fair treatment of others and have high regard for the differences that we each bring to this meeting and to our workplaces. Given our commitment to training future leaders in thoracic imaging, we also see ourselves as role models for the trainees that attend our Annual Meeting. For that reason, STR Meeting registrants will be asked to confirm their agreement to the STR Statement on Meeting Conduct Expectations at registration. (The entire document available on the STR website).

CANCELLATION

A \$100 administrative fee will be retained if registration is cancelled prior to February 28, 2020. Thereafter, no refunds can be made. Cancellations will be accepted in writing only, via fax or email to Caitlin@veritasmeetingsolutions.com.

HEALTH & WELLNESS @STR ANNUAL MEETING

Fitness walks are available around the property. This beautiful property invites members to walk easily from building to building, enjoying the view of the mountains while appreciating all the desert nature scape.

WELCOME RECEPTION • SUNDAY, MARCH 8, 2020 • 6:30 PM - 8:30 PM

Please join us for appetizers and entertainment in the exhibit area before heading poolside for a fun evening with radiology colleagues, industry sponsors, and guests. Refreshments and multiple food stations will be available while we enjoy the evening's poolside ambiance!



STR NETWORKING AFTERNOON • MONDAY, MARCH 9, 2020

Join us for the STR networking afternoon following the STR members business meeting. You may choose to participate in any of the activities listed below.



JEEP TOUR | \$168 PER PERSON

Extraordinary scenery abounds as the Jeep winds its way through the labyrinth of geological cuts and canyons of the San Andreas Fault Zone. Guests will be entertained by the naturalist guide with stories about the plants, animals, geology, and history of the California desert. On this exciting 4WD adventure to the private Metate Ranch preserve on the San Andreas Fault, guests will experience the twisted and tortured landscape of an active earthquake fault system. They will walk between the steep walls of deep canyons created by the powerful forces of plate tectonics, water, wind, and time. In addition, they will explore a natural palm oasis where crystal clear water bubbles up from the underground aquifer, and learn about the culture and lifestyle of the Cahuilla Indians and how they used the desert's plants for food, medicine, tools, weapons, and shelter. This is a great way to discover the fascinating history of the Coachella Valley.



CELEBRITY TOUR | \$70 PER PERSON

It's not unusual for visitors to catch a glimpse of larger than life personalities strolling Palm Canyon Drive on hiatus from daylong movie shoots, or perhaps to spot Leonardo DiCaprio sipping a cappuccino while visiting his Palm Springs home. Since the 1920's, Palm Springs has been the playground for Hollywood's elite. To this day, just the mention of Palm Springs evokes images of Tinseltown's biggest stars laying in the warm desert sunshine sipping cocktails by the pools of their private estates. This city & celebrity home tour reveals what went on behind the walls of those estates to see and hear how Palm Springs became the town of choice when Hollywood needed to let its hair down. From Sinatra and his Rat Pack to Liz Taylor, Cher, Sonny Bono, Marilyn Monroe to Liberace, the sizzle and scandals that defined the Hollywood scene in the Coachella Valley will be revealed. This driving tour includes "Little Hollywood" and the glamorous Movie Colony, as well as Palm Springs' distinctive landmarks, mid-century designed properties and celebrity visitor haunts.

WANT TO RELAX BY THE POOL WITH YOUR COLLEAGUES? STR will have two Oasis pool cabanas available for registrants and their guests to network during Monday afternoon's Networking Session; these are available also on Sunday, Monday and Tuesday. No sign-up required.

TAKE THE STR DEDICATED SHUTTLE TO EL PASEO Complimentary shuttle making round trip transfers, from hotel to El Paseo shopping and dining district on March 9 and 10th (5 hours per evening). No sign-up required.

STR GOLF OUTING Golf the afternoon away at the internationally ranked 36-hole Palm Spring golf resort, walking distance from the Hyatt Regency Indian Wells. Tee-Times can be reserved beginning January 9, 2020. Reservations can be made through the golf pro at www.Indianwellsgolfresort.com. Plan your foursome now, space will be limited.



THINGS TO DO IN THE AREA



TASTE OF TENNIS This event will be held on Monday night at the Hyatt Indian Wells. Tennis celebrities and aficionados will participate while you enjoy great food and mingling with local tennis celebrities. Tickets can be purchased directly through <https://www.tasteoftennis.com/iw/>

INDIAN WELLS GOLF RESORT'S "SHOTS IN THE NIGHT"

Next door to the Hyatt Indian Wells is a fun and innovative hit with golfers and non-golfers alike. Golfers take aim at lighted targets as part of the "Shots in the Dark" experience at Indian Wells Golf Resort. Only available on Saturday evening. \$45.00 fee includes a group from 1 to 6 people. Food and beverages are available at your own expense.



TENNIS For BNP Paribas Tennis, see their website for further details <https://bnpparibasopen.com/tickets/>. Qualifying rounds will be held Monday through Wednesday, with first round Thursday (the week of our meeting). There are group packages available at the following website <https://bnpparibasopen.com/tickets/group-packages/>. The tennis center is approximately a 10 minute drive (7 miles from the Hyatt Regency). Hotel shuttles are available. Check with concierge for details.



GOLF The Hyatt Regency Indian Wells Resort & Spa is surrounded by golf courses of the Indian Wells Golf Resort. This 36-hole Palm Springs golf resort, minutes away from the Palm Springs International Airport, features a magnificent 53,000 square-foot clubhouse and is one of the few properties to have two courses ranked in the Top 25 "Best Municipal Courses in the United States" by Golfweek Magazine. The Celebrity Course & Players Course AKA "Beauty and the Beast" have hosted Golf Channel's Big Break and the PGA's Skins Game. Located within walking distance from four luxury hotels in Indian Wells, the Indian Wells Golf Resort is ideal for golf tournaments, group outings, dream wedding ceremonies and receptions and especially family weekend getaways.



THE PALM SPRINGS AERIAL TRAMWAY The world's largest rotating tram car—travels over two-and-one-half miles along the breathtaking cliffs of Chino Canyon, transporting riders to the pristine wilderness of the Mt. San Jacinto State Park. During your approximately ten-minute journey, tram cars rotate slowly, offering picturesque and spectacular vistas of the valley floor below. Once you reach the Mountain Station—elevation 8,516 feet—enjoy two restaurants, observation decks, natural history museum, two documentary theaters, gift shop and over 50 miles of hiking trails. <https://pstramway.com/>

THE LIVING DESERT ZOO AND GARDENS You can stroll, dine or shop amid 1,200 acres of scenic gardens, nature trails and exhibits at The Living Desert Zoo and Gardens. For almost four decades, The Living Desert has been engaged in the important work of preserving, conserving and interpreting the desert and all its varied plant and animal life.

Located at the base of the picturesque Santa Rosa Mountains, this captivating zoo and botanical garden features native desert animals, including meerkats, coyotes, bighorn sheep, oryx, addax and African cheetahs. The botanical gardens feature hundreds of plant species found in the deserts of the world, including North America, Africa and Madagascar.

Guests will enjoy the many exciting exhibits, including a hummingbird and butterfly pavilion; Eagle Canyon with its streams, mountain lions, bobcats, Mexican wolves and golden eagles; the Village WaTuTu, a representation of a traditional African village featuring leopards, camels, hyenas, tortoises and birds; and the Petting Kraal with sheep, goats and Ankole cattle.



ACCOMMODATIONS AND VENUE



HYATT REGENCY INDIAN WELLS RESORT & SPA, 44600 Indian Wells Lane, Indian Wells, California

Sunday, March 8, 2020 - Wednesday, March 11, 2020

HYATT REGENCY INDIAN WELLS RESORT & SPA The ideal retreat where you can relax, play, and indulge - on your terms. Nestled on 45 acres of lush desert scape, our resort offers a wonderful variety of leisure pursuits, including two championship golf courses, tennis, swimming pools, private poolside cabanas, and a deluxe spa. Looking for fun things to do in Indian Wells and Palm Springs?

You'll find a rich assortment of arts and culture, including various art museums, an air museum, the Living Desert Zoo and Gardens, and the Children's Discovery Museum. If you're into some outdoor adventure, tee off on the 36-hole Indian Wells Golf Resort, adjacent to the property or explore one of the desert's hiking trails, and test your need for speed at the nearby BMW Performance Center.

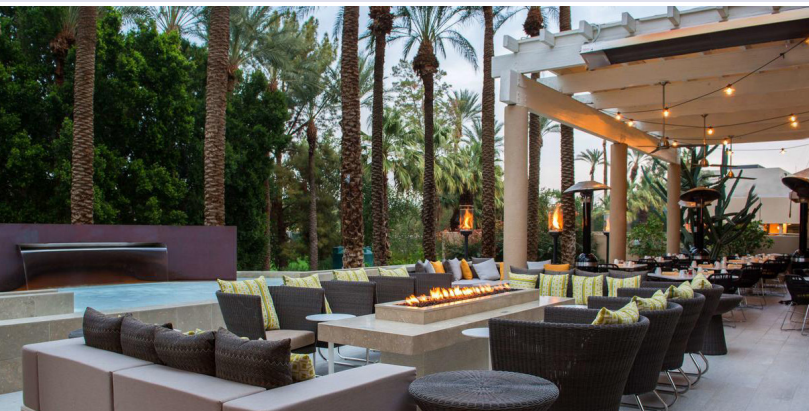
PHONE: +1.760.776.1234

ROOM RATE: \$285 excluding taxes and fees

DAILY RESORT FEE: Waived

SELF-PARKING: Complimentary Self-Parking

HOTEL RESERVATION LINK: <https://www.hyatt.com/en-US/group-booking/CHAMP/G-THOR>



HOTEL AMENITIES COVERED

- 24-hour access to the fitness center
- Unlimited fitness and yoga classes
- In room premium internet access, in room personal Starbucks coffee & tea maker,
- (2) bottled waters per stay
- One hour tennis court time per day
- 10% off select merchandise at Agua Serena Spa, discounted green fees at Indian Wells Golf Resort
- 9-hole putting course at Indian Wells Golf Resort
- 10% off selected merchandise at Indian Wells Golf Resort Pro Shop

MEETING REGISTRATION FORM

NAME		DEGREE	
INSTITUTION			
ADDRESS			
CITY	STATE/PV	ZIP/PC	COUNTRY
OFFICE PHONE		CELL PHONE	
EMAIL			
SPECIAL DIETARY NEEDS			

How did you hear about the Conference ☐ ACR Website ☐ Google Ad ☐ Email ☐ Journal Advertising ☐ Mailed Brochure
☐ Social Media ☐ STR Website ☐ Word of Mouth ☐ Other

	On or Before January 27	January 28 to March 2	After March 2 and On-Site
☐ STR Member* in Good Standing	\$745	\$795	\$820
☐ Practicing Physician (non-STR Member)	\$1,175	\$1,225	\$1,250
☐ __ Medical Student __ Resident __ Fellow __ Technologist __ Retired Physician	\$745	\$795	\$820
☐ INTRAINING PRESENTING AUTHOR (1 per presentation) Unknown Case or Abstract (Oral or Poster)	\$375	\$375	\$375
☐ One-Day Course Registration Circle day(s) attending Sun Mon Tue Wed	\$400	\$400	\$400

***Deadline for society membership application submissions – January 27, 2020**

PLEASE ADVISE IF YOU WILL PARTICIPATE IN THE FOLLOWING EVENTS:

- ☐ Reception (all attendees and guests are invited) – Sunday, March 8 Please indicate number attending _____
- ☐ STR Members Business Meeting Luncheon – Monday, March 9
- ☐ Student/Resident/Fellow/New Member Reception – Tuesday, March 10
- ☐ Jeep Tour - Monday, March 9 \$168 Please indicate number attending _____ x \$168.00 = \$ _____
- ☐ Celebrity Tour - Monday, March 9 \$70 Please indicate number attending _____ x \$70.00 = \$ _____

PLEASE INDICATE IF YOU ARE CURRENTLY (Please check all that apply):

- ☐ Medical student ☐ Resident ☐ Fellow
☐ Faculty (5 years or less after completion of fellowship training)

This event may be videorecorded. If you would like to opt out of being videorecorded, please indicate that below and notify the registration desk upon check in. ☐ Agree with being videorecorded ☐ Disagree with being videorecorded

Please indicate if it is ok to have your name appear on a list of registered attendees. ☐ Yes ☐ No

For privacy protection we require your authorization to include your name, institution, city and state, country on the meeting participant listing that will be distributed to attendees at the meeting. (we do not release email addresses).

- ☐ Yes, I would like to be included ☐ No, do not include my information

I plan to attend the following Small Group Breakfast Session(s) (please check all that apply)

- ☐ **Monday, 7:00 am:** SMALL GROUP CONCURRENT BREAKFAST SESSION 1.1: Biopsy and Interventional Chest: Technique, Challenging Lesions, Managing Complications, Sampling Considerations, Ablative Therapies and More
- ☐ **Monday, 7:00 am:** SMALL GROUP CONCURRENT BREAKFAST SESSION 1.2: How I do it in Cardiovascular MR and CT: Tackling Protocols for Various Indications (including congenital) and Other Essentials.
- ☐ **Tuesday, 7:00 am** SMALL GROUP BREAKFAST SESSION 2: Well-Being Initiatives
Open Discussion Forum Regarding Implementation

PAYMENT METHOD (US funds only)

- ☐ Check Enclosed (make checks payable to Society of Thoracic Radiology) \$ _____
- ☐ Visa ☐ MasterCard ☐ Discover ☐ American Express \$ _____

CARD NUMBER	EXPIRES MO/YR	CW
BILLING ADDRESS		
SIGNATURE		DATE

I acknowledge that I will abide by the STR Meeting Code of Conduct (available on the STR website): ☐ Agree ☐ Disagree

Mail: Society of Thoracic Radiology, 1061 E. Main St. Ste 300 | East Dundee, IL 60118

Email: Caitlin@veritasmeetingsolutions.com | Phone: 847.752.6626 | fax 847.752.6632

Register Online and to view course information, please visit: www.thoracicrad.org/meetings/index.html

A PDF of the registration page will also be available on the website to print and mail or fax to the STR office.



SAVE THE DATES

MARCH 6-10, 2021

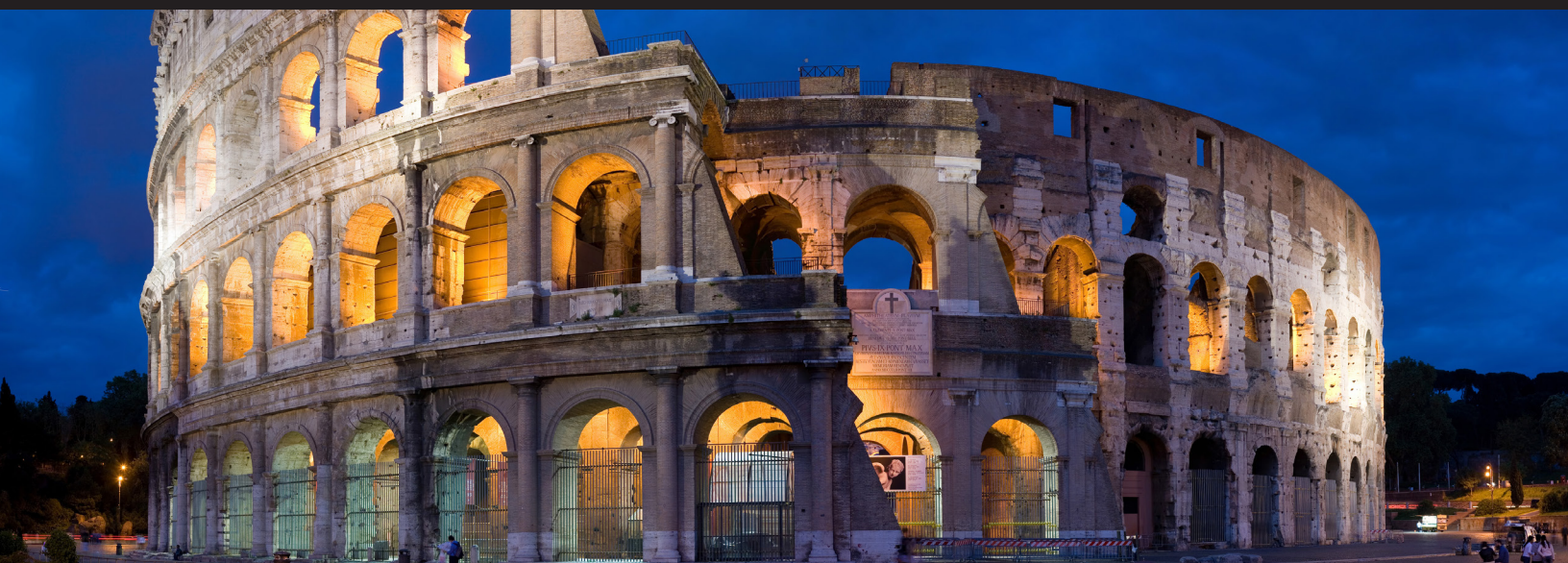
THORACIC IMAGING 2021

POSTGRADUATE WORKSHOPS AND ANNUAL BUSINESS MEETING

**CAESARS PALACE LAS VEGAS HOTEL & CASINO
LAS VEGAS, NEVADA**

JUNE 2021

**THE STR IS A PARTNER OF THE
5TH WORLD CONGRESS OF THORACIC IMAGING
ROME, ITALY**



STR

THORACIC IMAGING 2020 ANNUAL MEETING AND POSTGRADUATE COURSE

HYATT REGENCY INDIAN WELLS
RESORT & SPA

INDIAN WELLS, CALIFORNIA
GREATER PALM SPRINGS AREA

MARCH 8-11
2020

The Living Desert Zoo & Gardens in Palm Desert, California

STR