The RSNA Scientific Assembly and Annual Meeting will take place from November 25th to the 30th at McCormick Place Convention Center in Chicago. Nearly 60,000 medical and science professionals from around the globe are expected to attend, making it the world’s largest medical meeting, featuring hundreds of scientific papers, posters, education exhibits, and refresher courses. Once again, the Department of Radiology at the University of Chicago will provide many scientific and educational contributions to the meeting, and we encourage you to attend and view the presentations and exhibits listed in this newsletter.

Also, please join us on Monday, November 26th from 6:00-8:00pm for the annual Hodges Society Alumni Reception, which will be held at Tesori restaurant (formerly Rhapsody) at 65 East Adams Street in Chicago; cocktails and hors d’oeuvres will be served. While there, we encourage you to update your contact information with us, and to support this year’s winners of the Hodges Excellence Award and Hodges Research Grants.

Paul C. Hodges Annual Research Award

The Hodges Society Annual Research Award provides grants for selected individuals with promising research proposals. This year, two investigators were chosen to receive funding:

Michelle Lindgren, MD
Quantitative Image Analysis of MRI for Assessing Prognosis of Breast Cancer
Mentors: H. Abe, M. Giger, L. Lan

Zheng Zhang, MA
Iterative Image Reconstruction with Variable Resolution in CT
Mentor: X. Pan

Medical Physics Program Receives Re-Accreditation

The University of Chicago’s graduate program in Medical Physics has been granted re-accreditation through December 31, 2017 by CAMPEP (Commission on Accreditation of Medical Physics Education Programs).

Congratulations to Dr. Maryellen Giger and the entire Basic Science Faculty!
Department of Radiology Finds Success at University of Chicago Medicine’s Quality Fair

Of the three winning posters selected from 71 submissions at this year’s Quality Fair held on October 16th, two were created by groups within the Department of Radiology. The Department's poster focusing on efforts to improve Patient Satisfaction was one of the 3 winners. “Radiology embarked on a journey two years ago to improve patient satisfaction results as measured by Press Ganey”, explains Monica Geyer, Director of Radiology. “A committee including front line employees was established, specific Press Ganey questions were targeted and multiple initiatives were launched, including employee business cards requesting patient feedback, driving accountability through inclusion of goals on employee evaluations, frequent management rounding, and reinforcing the use of key words during every patient interaction. Significant improvement in scores for Courtesy of X-ray Technologist, Friendliness of Staff, Staff’s Concern for Your Comfort and Explanations Given by Staff were achieved.” Congratulations are also in order for the Section of Neuroradiology, for its winning poster, Acute Cord Compression: Most Efficient Approach to Diagnosis. “The goal of the project was to develop and evaluate a new screening MRI protocol dedicated for detection of acute cord compression as an emergency”, explains Dr. Valeria Potigailo. “We were able to achieve 50 -70% reduction in scanning time with image quality and diagnostic confidence deemed at least equivalent between the screening and routine MRI. The screening MRI also demonstrated high negative predictive value for ruling out acute spinal compression.”

This marks the fourth year in a row that the Radiology Department has had a winning poster at the fair.

2012 Physics in Medicine and Biology Citation Prize

The 2008 paper "Image reconstruction in circular cone-beam computed tomography by constrained, total-variation minimization" by Emil Sidky and Xiaochuan Pan has won the Physics in Medicine and Biology Citation Prize (the Rotblatt medal)
http://ioppublishing.org/awardsGivenDetails/PMBCitationsPrize
We are pleased to announce the establishment of the Charles E. Metz, PhD Memorial Fund, which has been endowed through the gracious generosity of his daughters Becky Mayon Metz and Molly Metz. The fund will be used by the University to support a bi-annual lecture fostering faculty/student interaction across the University of Chicago Medicine and the Division of Biological Sciences, and honoring Charles E. Metz's legacy at the University of Chicago in medical physics and radiology. The lecture, featuring a leader in medical physics or radiology will be held in conjunction with a special topics course presented by the Committee on Medical Physics.

Faculty Notes...

Karin E. Dill, MD recently accepted an invitation to become Vice Chair of the Vascular Imaging Appropriateness Criteria (AC) Panel for the American College of Radiology. She is currently drafting the AC for TAVR on behalf of the College, and will be presenting these guidelines at multiple venues, including an upcoming plenary presentation at St. Luke’s Hospital in Tokyo in December 2012.

Please welcome Dr. Seng Ong as our new Residency Program Director. Dr. Ong is currently an Assistant Professor and is a member of the Pediatric Radiology Section.
New Hospital Pavilion Receives New Name

In an October 2 ceremony that drew a crowd of patients, employees and physicians, The University of Chicago Medical Center unveiled the name of the former New Hospital Pavilion. The Center for Care and Discovery, which will officially open in February of 2013, is a 10-story “hospital for the future” that will serve as the new core of the campus of the University of Chicago Medicine. “It marks an extraordinary step in clinical care: the best minds in medicine working in close collaboration, equipped with leading-edge technologies,” announced Sharon O’Keefe, President of the University of Chicago Medical Center. “Together, here, we will drive forward the next wave of the University of Chicago Medicine’s contributions to medicine.” The 1.2 million square foot building will boast 240 private inpatient rooms, including 52 intensive care beds, and space for 28 operating rooms with leading-edge technology. The new hospital will provide a home for complex specialty care with a focus on cancer, gastrointestinal disease, neuroscience, advanced surgery and high-technology medical imaging, including 7 interventional radiology suites.

Join Us on LinkedIn!

We have recently started a Paul C. Hodges Alumni Society group on LinkedIn.

Please join us!

Hey Alums - We want to hear from YOU!
Do you have any accomplishments or achievements that you would like to share?

Or do you just want to let your colleagues know what you’ve been up to?

E-mail Mandy at mvelligan@radiology.bsd.uchicago.edu and give us an update that we can share in our next newsletter!
SESSION MODERATORS

Sunday, November 25, 2012
12:30-01:30 PM | LL-PHS-SU | Lakeside Learning Center Physics Lunch Hour CME Posters | Patrick J. La Riviere PhD | Lei Zhu MS

Sunday, November 25, 2012
02:00-03:30 PM RC114 | E353A Interactive Game powered by RSNA-DxLive™; Interventional | Brian S. Funaki MD | Rakesh Choudary Navuluri MD

Sunday, November 25, 2012
02:00-03:30 PM - RC121 | S406B New Trends in Digital Mammography | Maryellen L. Giger PhD | Andrew Karellas PhD

Monday, November 26, 2012
08:30-10:00 AM RC221 | S402AB Breast Tomosynthesis | Maryellen L. Giger PhD | Andrew Karellas PhD

Monday, November 26, 2012
12:15-01:15 PM LL-PHS-MO | Lakeside Learning Center Physics Lunch Hour CME Posters | Kenji Suzuki PhD | Jiang Hsieh PhD

Monday, November 26, 2012
03:00-04:00 PM, SSE25 | E353C Gastrointestinal (CT Colonography Technique) | Abraham H. Dachman MD | Daniele Regge MD

Tuesday, November 27, 2012
08:30-10:00 AM RC321 | E353A Molecular Imaging of the Breast | Maryellen L. Giger PhD | Andrew Karellas PhD

Tuesday, November 27, 2012
12:15-01:15 PM LL-PHS-TU | Lakeside Learning Center Physics Lunch Hour CME Posters | Gregory Stanislaus Kareczmar PhD | Xiaohong J. Zhou PhD

Tuesday, November 27, 2012
03:00-04:00 PM S8.108 | E353C Gastrointestinal (CT Colonography Technique) | Abraham H. Dachman MD | Daniele Regge MD

Tuesday, November 27, 2012
04:30-06:00 PM RC421 | E350 Breast US | Maryellen L. Giger PhD | Andrew Karellas PhD

Wednesday, November 28, 2012
08:30-10:00 AM | RC521 | N226: New Trends in Breast CAD | Maryellen L. Giger PhD | Andrew Karellas PhD

Wednesday, November 28, 2012
12:15-01:15 PM LL-PHS-WE | Lakeside Learning Center Physics Lunch Hour CME Posters | Samuel George Armato III PhD | Bruce R. Whiting PhD
Wednesday, November 28, 2012
03:00-04:00 PM SSM02 | E451A Breast Imaging (MRI and Digital Mammography Topics) | Constance D. Lehman MD, PhD | Gillian Maclaine Newstead MD

Wednesday, November 28, 2012
03:00-04:00 PM SSM19 | S403B Physics (Quantitative Imaging II) | Robert M. Nishikawa PhD | Guang-Hong Chen PhD

Thursday, November 29, 2012
10:30-12:00 PM SSQ17 | S403B Physics (MRI Techniques III) | Yi Wang PhD | Gregory Stanislaus Karezmar PhD

Thursday, November 29, 2012
04:30-06:00 PM RC721 | N228: Challenges in Breast Imaging | Maryellen L. Giger PhD | Andrew Karellas PhD

Thursday, November 29, 2012
04:30-06:00 PM RC726 | S102D: Next Generation Infrastructure for Medical Imaging (Informatics in Practice) (In Association with the Society for Imaging Informatics in Medicine) | Paul J. Chang MD

Friday, November 30, 2012
08:30-10:00 AM RC321 | E351 Breast MR Imaging | Maryellen L. Giger PhD | Andrew Karellas PhD

Friday, November 30, 2012
10:30-12:00 PM SST03 | E451B ISP: Chest (Lung Nodule II) | David F. Yankelevitz MD | Heber MacMahon MD

REFRESHER COURSES

Sunday, November 25, 2012 - 2:00 PM-3:30 PM RC150 | E260: MR Imaging-guided Breast Biopsy (Hands-on Workshop) | Author List: Annamaria Wilhelm MD | Hiroyuki Abe MD | Wendy Burton Demartini MD | Alice S. Rim MD | Steven Edward Harms MD | Elsie Levin MD | Thomas Pope MD | Jennifer Ruth Granny MD | Michael Patrick McNamara Jr MD | Michael N. Linver MD | Janice S. Sung MD | W. Phil Evans III MD | Gary J. Whitman MD | Michelle Denise McDonough MD | Elizabeth Rogers Deperi MD | Roberta A. Jong MD | Carol H. Lee MD | Stamatia V. Destounis MD | Christiane Katharina Kuhl MD | Bonnie Esther O'Hayon MD | Mary C. Mahoney MD | Amy Denise Argus MD | Francesca Dione Beaman MD.


Sunday, November 25, 2012 - 02:30-03:00 PM RC118B | S404AB: Magnetic Resonance Imaging | Author List: Gregory Stanislaus Karezmar PhD

Tuesday, November 27, 2012 - 08:30-10:00 AM RC309C | E450B: CT Colonography Reporting and Workflow | Author List: Abraham H. Dachman MD

Tuesday, November 27, 2012 - 04:30-06:00 PM RC432A | E451B: Traits and States: Management versus Leadership | Author List: Richard L. Baron MD
U of C Radiology at RSNA

Wednesday, November 28, 2012 - 08:30-10:00 AM RC521 | N226 | RC521B: Computer-aided Diagnosis (CADx) and Beyond (Prognosis and Response to Therapy) | Author List: Maryellen L. Giger PhD

Wednesday, November 28, 2012 - 08:30-10:00 AM RC514 | S102AB | RC514F: My Best Tricks for Difficult Filter Removal | Author List: Thuong Gustav Van Ha MD

Thursday, November 29, 2012 - 08:30-10:00 AM RC607 | E353A: Interactive Game powered by RSNA-DxLive™: A Case-based Audience Participation Session (Genitourinary) | Paul J. Chang MD | Evis Salam MD, PhD | Mitchell E. Tubblin MD

Thursday, November 29, 2012 - 04:30-06:00 PM RC726A | S102D: Interoperability and Integration—from HL7, DICOM, IHE, to SOA | Author List: Paul J. Chang MD

Friday, November 30, 2012 | 08:30-10:00 AM, RC821 | E351 | RC821A: Emerging Trends in Breast MR Imaging and MR Spectroscopy | Author List: Gregory Stanislaus Karczmar PhD

Friday, November 30, 2012 | 08:30-10:00 AM, RC821 | E351 | RC821B: Clinical Applications and Emerging Roles of Breast MR Imaging | Author List: Hiroyuki Abe MD

MULTI-SESSION COURSES

Tuesday, November 27, 2012 - 08:30-10:00 AM | S406B | MSQI31A: Technical Aspects: Developing and Deploying a Dashboard | Author List: Paul J. Chang MD

Wednesday, November 28, 2012 - 02:25-03:05 PM | S402AB | MSSR42-02: Liver Cancers (Primary, Metastases) | Author List: Richard L. Baron MD

EXHIBITS

LL-BRE3191: Sonographic Features of Axillary Lymph Nodes with Metastatic Breast Cancer: Radiology-Pathology Correlation on the Spectrum of Disease | Author List: Benjamin Jordan Meyer MD | Rebecca Wolsky MD | Hiroyuki Abe MD

LL-BRE4692: Breast MRI: Review of Normal Background Parenchymal-enhancement (BPE) and Other Types of Non-mass-like Enhancement | Author List: Kiochi Ishiyama MD | Hiroyuki Abe MD | David Victor Schacht MD | Gillian Maclaine Newstead MD | Aki Ito | Takahiro Otani MD | Makoto Koga MD | Manabu Hashimoto | Kaori Terata | Hiroshi Nanjo | Yoshiiisa Katayose

LL-BRE4696: Molecular Subtypes of Invasive Breast Cancer: Radiologic Findings and Pathologic Correlation | Author List: Ken Yamaguchi MD | David Victor Schacht MD | Ryoko Egashira MD | Hiroyuki Irie MD | Fumio Yamasaki | Hiroyuki Abe MD | Gillian Maclaine Newstead MD | Shuji Toda

LL-ED1013: Physics Case of the Day | Author List: Lifeng Yu PhD | Shuai Leng PhD | Cynthia H. McCollough PhD | Zheng Feng Lu PhD | Stephen Thomas MD | Eric Laurence Gingold PhD | Jaydev Dave | Yi Zhang | Brad Kemp PhD | Yong Zhou PhD

LL-ERE4305: CT Findings in Gynecologic and Postpartum Causes of Acute Pelvic Pain | Author List: Rina Patel MD | Stephen Thomas MD | Aytekin Oto MD

LL-GIE3061: Pre and Postoperative Imaging of the Liver Transplant Patient: A Multimodality Approach | Author List: Santhosh Joseph MD | David M. Paunshier MD | Farid Dahi MD | Helen Te MD | Aytekin Oto MD
LL-GIE3076-TUB: Can CT Colonography (CTC) Assisted by Computer-aided Diagnosis (CADx) Be Used as a Diagnostic Tool Beyond Detection? | Author List: Kenji Suzuki PhD | Gen Inuma MD, PhD | Mototaka Miyake MD | Naoko Shimada MD | Danielle Hock | Abraham H. Dachman MD

LL-GIE4039: Comparative Evaluation of CT and MR Enterography in Crohn's Disease | Author List: Ibrahim Karademir MD | Ambereen Yousuf MBBS | Shilpa N Reddy MD | Stephen Thomas MD | David T. Rubin MD | Aytekin Oto MD

LL-HPE4591: Cognitive Biases in Decision Making: Implications for Radiology Practice | Author List: Christopher Eric Buckle MD | Richard L. Baron MD

LL-INE2538: Testing CT Reconstruction Algorithms with "Real" Data | Author List: Bin Jiang MD, PhD | Junguo Bian PhD | Xiaochuan Fan PhD | Michael Walter Vannier MD

LL-OBE2203: MR Imaging of Ectopic Pregnancy | Author List: Fatma Nur Soylu | Mert Koroglu MD | Arda Kayhan MD | Christine Schmid-Tannwald MD | Ambereen Yousuf MBBS | Aytekin Oto MD

LL-OBE2226: MR Imaging Features of Congenital Uterine and Vaginal Anomalies | Author List: Piotr Roman Obara MD | Stephen Thomas MD | Kirti Manohar Kulkarni MBBS | Aytekin Oto MD

LL-PDE2024: Comparison of Patient-specific and Reference-Phantom Methods for CT Dose Estimation in the Pediatric Population | Author List: Dianna M. Ehrhart Bardo MD | Kate Ann Feinstein MD | David Robert Pettersson MD | Jens Wiegert PhD | Jeffrey Harold Yanof PhD

LL-PHE1340: CTDI and Its Derivatives in Computed Tomography Dose Assessment: From Fan Beam to Cone Beam CT Scanners | Author List: Zheng Feng Lu PhD | Edward Lee Nickoloff DSc | James C. So MS | Ajoy K Dutta MS | Nicole Ranger MS | Daniel Valentino PhD

LL-URE2184: Computer-aided Diagnosis of Prostate Cancer with Multi-parametric Magnetic Resonance Imaging | Author List: Yahui Peng PhD | Yulei Jiang PhD | Ibrahim Karademir MD | Tatjana Antic | Scott Eggener | Aytekin Oto MD

SCIENTIFIC PAPERS

Computer-Aided Detection (CADe) of Polyps in CT Colonography (CTC) with Maximal AUC Feature Selection Augmented by Manifold Learning | Author List: Jianwu Xu PhD | Kenji Suzuki PhD

Sunday, November 25, 2012 - 11:35-11:45 AM | SSA18-06 | S505AB
The Role of Positron Emission Mammography (PEM) in Assessing Axillary Lymph Nodes in Patients with Breast Cancer | Author List: Kirti Manohar Kulkarni MBBS | Daniel Eric Appelbaum MD | Yonglin Pu MD, PhD | Bill O'Brien-Penney PhD | Charlene A. Sennett MD | Gillian Maclaine Newstead MD

Sunday, November 25, 2012 - 11:55-12:05 AM | SSA07-08 | E450A
Observer Performance Study: Effect of Computer-Aided Diagnosis (CADx) on the Performance of Radiologists in Distinguishing Neoplastic from Non-Neoplastic Lesions in CT Colonography (CTC) | Author List: Kenji Suzuki PhD | Gen Inuma MD, PhD | Mototaka Miyake MD | Naoko Shimada MD | Danielle Hock | Abraham H. Dachman MD
U of C Radiology at RSNA

Monday, November 26, 2012 - 09:50-10:00 AM | VSGU21-06 | N228
Seminal Vesicle Invasion in Prostate Cancer: Evaluation by Multi-parametric Endorectal MR Imaging
Author List: Fatma Nur Soylu | Yahui Peng PhD | Yulei Jiang PhD | Tatjana Antic | Scott Eggener | Aytekin Oto MD

Monday, November 26, 2012 03:50-04:00 PM SSE22-06 | S403B
TV-Minimization-based Iterative Image Reconstruction With an Offset-Detector CBCT in SPECT/CT
Author List: Junguo Bian PhD | Jiong Wang PhD | Xiao Han MSC | Emil Y. Sidky PhD | Ling-Xiong Shao PhD | Xiaochuan Pan PhD

Tuesday, November 27, 2012 - 03:20-03:30 PM | SSJ13-03 | S402AB
Improved Efficiency and Error-reduction of Oncology Lesion Measurement and Follow-up via Optimized PACS Workflow Orchestration and Integration of an AIM (Annotation and Image Markup)-based Lesion Tracking Tool
Author List: Paul J. Chang MD | Merlijn Sevenster PhD | Adam Randolph Travis MD | Raju Ganesh MD | Liu Peng | Ursula Kose | Joost Peters

Tuesday, November 27, 2012 - 03:20-03:30 PM SSJ22-03
Determination of Similarity Measures Using Multidimensional Scaling and Linear Regression Models for Selection of Reference Breast Mass Images
Author List: Chisako Muramatsu PhD | Kohei Nishimura BS | Tokiko Endo MD | Miki-nao Ooiwa | Kunio Doi PhD | Hiroshi Fujita PhD | Misaki Shiraia WA MD

Tuesday, November 27, 2012 - 03:30-03:40 PM | SSJ01-04 | Arie Crown Theater
Clinical Reader Study Examining the Performance of Mammography and Automatic Breast Ultrasound in Breast Cancer Screening
Author List: Maryellen L. Giger PhD | Dave P. Miller | Jeremy Bancroft Brown | Marc F. Incardi MD | Charles Edgar Metz PhD | Yulei Jiang PhD | Rachel Frydman Brem MD | Robert M. Nishikawa PhD | Alexandra V. Edwards | John Papaioannou MSc

Tuesday, November 27, 2012 - 03:40-03:50 PM | SSJ20-05 | S505AB
Improving Patient Selection for Pyeloplasty in Suspected UPJ Obstruction by Using Renal Pelvic Appearance Time on Renal Scintigraphy.
Author List: Osmanuddin Ahmed MD | Yonglin Pu MD, PhD | Maryellen L. Giger PhD | Alexandre Rosen MD | Shelby James Bennett MD | Hui Li PhD | John M. Collins MD | Bill C. Penney PhD | Mohan Gundeti

Tuesday, November 27, 2012 - 03:50-04:00 PM | SSJ22-06 | S403B
Content-based Image Retrieval as a Classifier for Malignancy for Sonographic Breast Lesions
Author List: Karen Drukker PhD | Andrew Robert Jamieson BA | Maryellen L. Giger PhD

Wednesday, November 28, 2012 - 11:40-11:50 AM SSK02-08 | S504AB
Texture Analysis of MR Images of Hypertrophic Cardiomyopathy
Author List: Martin Andrews BS | Maryellen L. Giger PhD | Brian Bernard Roman PhD

Wednesday, November 28, 2012 - 03:00-04:00 PM SSM01-04 | Arie Crown Theater
Breast MRI-based Feature Analysis in Predicting Neoadjuvant Therapy Response
Author List: Daniel Budreau PhD | Maryellen L. Giger PhD | Li Lan

Thursday, November 29, 2012 - 11:30-11:40 AM VSBR51-15 | E450A
Classification of iHiSS Imaged Breast Tumors
Author List: William Weiss BS | Milica Medved PhD | Gregory Stanislaus Karczmar PhD | Maryellen L. Giger PhD
Friday, November 30, 2012 - 10:30-10:40 AM | SST04-01 | E353B
Evaluation of the Gallbladder and Cystic Duct Patency with Gadoxetate Disodium Enhanced MR Cholangiography: Prospective Comparison of Patients with Normal Gallbladder Function and Acute Cholecystitis
Author List: Joseph H. Yacoub MD | Ambereen Yousuf MBBS | Garima Agrawal MD | Stephen Thomas MD | Daniel Eric Appelbaum MD | Aytekin Oto MD

Friday, November 30, 2012 - 11:30-11:40 AM | SST15-07 | S404AB
Dose Reduction Intensity Weighted Region of Interest and True Region of Interest Conebeam CT Imaging: A Monte Carlo and Phantom Study
Author List: Meredith Sadinski PhD | Erik A. Pearson BS, BEng | Charles A. Pelizzari PhD

SCIENTIFIC POSTERS

Sunday, November 25, 2012 - 01:00 PM-1:30 PM, LL-BRS-SU5B | Lakeside Learning Center
Discrimination of Benign from Malignant Breast Lesions on DTI Using Novel Feature Obtained from ADC on Lesion and ADC Gradient in Peri-Tumor tissue
Author List: Alan I. Penn PhD | Scott F Thompson PhD | Enrico Simonotto PhD | Marko K Ivancevic PhD | Hiroyuki Abe MD

Sunday, November 25, 2012 – 01:00-01:30 PM LL-PHS-SU5B | Lakeside Learning Center
Supervised Massive-Training Artificial Neural Network (MTANN) for Reduction of Radiation Dose in CT in an Ultra-Low-Dose Screening Setting
Author List: Kenji Suzuki PhD | Sheng Chen | Shuji Date | Yoshinori Funama PhD | Kazuo Awai MD

Monday, November 26, 2012 - 12:45-01:15 PM LL-HPS-MO3B | Lakeside Learning Center
An Analysis of the Relationship between Learning Style Preferences, Study Methods, and Exam Performance in Medical Students
Author List: Andrew Warejko Phillips MEd | Courtney Peterson Orsbon BS | Lorenzo Pesce PhD | Christopher M. Straus MD

Monday, November 26, 2012 - 05:00-05:30 PM LL-GIS-MO4C | Lakeside Learning Center
Evaluation of Vanadium-based Contrast Agents for Detection of Early Murine Colon Cancer Using Magnetic Resonance Imaging and X-ray Fluorescence Microscopy
Author List: Devkumar Mustafi PhD | Jesse Ward PhD | Urszula Dougherty MS | Marc Bissonnette MD | Stefan Vogt PhD | Gregory Stanislaus Karczmar PhD

Monday, November 26, 2012 - 05:30-06:00 PM LL-HPS-MO2D | Lakeside Learning Center
Incorporating Radiology in Medical Student Anatomy Education: Does Timing of Radiology Resource Use Affect Student Academic Performance?
Author List: Stephanie Maria McCann BS | Andrew Warejko Phillips MEd | Courtney Peterson Orsbon BS | Christopher M. Straus MD

Tuesday, November 27, 2012 - 05:00-05:30 PM LL-CHS-TU5C | Lakeside Learning Center
Analysis of Nodule Detection CAD Performance in a Large Unselected Series of Chest Radiographs
Author List: Feng Li MD, PhD | Roger Engelmann MS | Samuel George Armato III PhD | Heber MacMahon MD

Tuesday, November 27, 2012 - 05:00-05:30 PM LL-GIS-TU5C | Lakeside Learning Center
Computer-aided Diagnosis (CADx) for Distinguishing Neoplastic from Non-neoplastic Lesions toward CT Colonography (CTC) Beyond Detection
Author List: Kenji Suzuki PhD | Ivan Sheu | Jianwu Xu PhD | Sihai Yang MS | Abraham H. Dachman MD

Tuesday, November 27, 2012 - 05:00-05:30 PM LL-PHS-TU7C | Lakeside Learning Center
MRI Liver Volumetry Using 3D Geodesic Active Contour Segmentation Coupled with a Level-set Algorithm
Author List: Hieu Trung Huynh PhD | Kenji Suzuki PhD | Ibrahim Karademir MD | Rony Kampalath MD | Aytekin Oto MD
Tuesday, November 27, 2012 - 05:30-06:00 PM | LL-PHS-TU4D | Lakeside Learning Center
Effect of Breast Tumor Segmentation on CADx Performance Evaluated on a Large Clinical FFDM Dataset
Author List: Hui Li PhD | Maryellen L. Giger PhD | Li Lan | Yading Yuan | Charlene A. Sennett MD

Wednesday, November 28, 2012 - 12:15-12:45 PM LL-PDS-WE3A | Lakeside Learning Center
The Role of Ultrasound (US) vs UGI in Excluding Malrotation in Seventeen Problematic Patients
Author List: David K. Yousefzadeh MD

Wednesday, November 28, 2012 - 12:45-1:15 PM LL-PDS-WE3B | Lakeside Learning Center
Distinction between the Ominous Whirlpool Sign and Pseudo Whirlpool Sign: Swirling of Superior Mesenteric vs the Jejunal vein
Author List: Shadi A Esfahani MD, MPH | David K. Yousefzadeh MD

Wednesday, November 28, 2012 - 12:45-01:15 PM LL-BRS-WE6B | Lakeside Learning Center
Visualization of Image-based Breast Cancer Tumor Signatures
Author List: Maryellen L. Giger PhD | Hui Li PhD | Li Lan

Wednesday, November 28, 2012 - 05:00-05:30 PM LL-NRS-WE1C | Lakeside Learning Center
Objective Assessment of Rhinosinusitis Using Volumetric Computer Analysis: Preliminary Results
Author List: William F. Sensakovic PhD | Jonathan Garneau | Fuad Baroody | Jayant Pinto | Samuel George Armato III PhD

Thursday, November 29, 2012 - 12:45-01:15 PM LL-PHS-TH7B | Lakeside Learning Center
A Dynamic Lung Phantom for Investigation of 4D Cone-Beam CT
Author List: Adrian Alberto Sanchez BS | Erik A. Pearson BS, BEng | Xiaochuan Pan PhD | Charles A. Pelizzari PhD

PLENARY SESSIONS

Monday, November 26, 2012 - 01:30-02:45 PM Arie Crown Theater

SPECIAL COURSES

Saturday, November 24, 2012 - 01:30-05:30 PM SPGW01 | E253AB | SPGW01D: IH Grantmanship Workshop | Clinical Trials in Applications
Author List: Michael Walter Vannier MD

Monday, November 26, 2012 - 04:30-06:00 PM SPDL21 | E451A
Diagnosis Live powered by RSNA-DxLive™: The Audience Participation Game (Chest and Abdomen)
Author List: Paul J. Chang MD | Neety Panu MD, FRCP | Gregory Lewis Katzman MD

Tuesday, November 27, 2012 - 09:30-09:50 AM - VSIR31-05 | E352
Debate: Percutaneous Gastrostomy—Push or Pull?
Author List: Ronald Steven Arellano MD | Jonathan Matthew Lorenz MD

Tuesday, November 27, 2012 - 10:45-11:05 AM - VSIR31-09 | E352
Controversies in Urogenital Interventions
Author List: Jonathan Matthew Lorenz MD
U of C Radiology at RSNA

Wednesday, November 28, 2012 - 04:30-06:00 PM SPDL41 | E451A
Diagnosis Live powered by RSNA-DxLive™: The Audience Participation Game (Neuroradiology and Musculoskeletal Radiology) Author List: Paul J. Chang MD | Neety Panu MD, FRCPC | Gregory Lewis Katzman MD

Thursday, November 29, 2012 - 09:40-10:00 AM VSBR51-07 | E450A
Diffusion-weighted Imaging and Advanced Techniques Author List: Gregory Stanislaus Karczmar PhD

Thursday, November 29, 2012 - 03:00-04:00 PM SPDL51 | E451A
Diagnosis Live powered by RSNA-DxLive™: The Audience Participation Game (Radiology Potpourri) Author List: Paul J. Chang MD | Neety Panu MD, FRCPC | Gregory Lewis Katzman MD

QUALITY STORYBOARDS

Monday, November 26, 2012 - 12:15-12:45 PM LL-QSE-MO1A
A Focused Follow-up Program to Increase the Retrieval Rate of Optional IVC Filters Author List: Steven Michael Zangan MD | Brian S. Funaki MD | Thuong Gustav Van Ha MD | Jonathan Matthew Lorenz MD | Rakesh Choudary Navuluri MD | Jeffrey Alan Leef MD

Monday, November 26, 2012 - 12:45-01:15 PM LL-QSE-MO1B
The Impact of Procedural Checklist Competency Requirements on Early Chest Port Infections Author List: Steven Michael Zangan MD | Rakesh Choudary Navuluri MD | Jonathan Matthew Lorenz MD | Brian S. Funaki MD | Thuong Gustav Van Ha MD | Jeffrey Alan Leef MD

Tuesday, November 27, 2012 - 12:45-01:15 PM LL-QSE-TU2B
Spinal Cord Compression: How Often Is It Really Acute? Author List: Valeria Potigailo MD | Gregory Lewis Katzman MD