

**Agenda ADSA07**  
**May 15-16, 2012**  
**Northeastern University, Boston**  
**240 Egan Research Center (Raytheon Room)**  
**120 Forsyth Street**

DAY 1			
Time	Topic	Speaker	Affiliation
8:15 AM	Registration/Continental breakfast		
9:00 AM	Call to order	Carl Crawford	Csuptwo
9:05 AM	Welcoming remarks - ALERT	Michael Silevitch	Northeastern University / ALERT
9:10 AM	Welcoming remarks - DHS	Doug Bauer	DHS
9:15 AM	Welcoming remarks - DHS	Laura Parker	DHS
9:20 AM	Logistics	Rachel Parkin	Northeastern University / ALERT
9:25 AM	Workshop objectives	Carl Crawford	Csuptwo
10:05 AM	Image quality metrics for ATR	Matthew Merzbacher	Morpho Detection
10:15 AM	Image quality metrics for ATR	Richard Bijjani	Robehr Analytics
10:25 AM	Break		
11:00 AM	IRT for few- and many-view CT	Charles Bouman	Purdue
11:25 AM	IRT for few- and many-view CT	Xiaochuan Pan	University of Chicago
11:50 AM	Compressed sensing interative reconstruction	Guang-Hong Chen	University of Wisconsin, Madison
12:15 PM	Lunch		
1:15 PM	Sinogram processing for artifact reduction	Patrick La Riviere	University of Chicago
1:40 PM	Metal artifact removal	Seemeen Karimi	University of California, San Diego
2:05 PM	IRT for polychromatic CT	Johan Nuyts	University of Leuven
2:30 PM	Break		
3:05 PM	CT scanner simulations	Taly Gilat-Schmidt	Marquette University
3:30 PM	Iterative reconstruction at LLNL	Marry Martz	Lawrence Livermore National Laboratory
3:55 PM	Advanced segmentation algorithms	David Wiley	Stratovan Corporation
4:20 PM	Advanced segmentation algorithms	Claus Bahlmann	Siemens Corporate Research
4:45 PM	Reception sponsored by Csuptwo	Carl Crawford	Csuptwo
5:45 PM	Student poster session in reception area	Students	ALERT
5:45 PM	Dinner		
6:10 PM	Student award	Michael Silevitch	Northeastern University / ALERT
6:15 PM	Dinner Speech - Protection of federal buildings	Vincent Eckert	DHS
6:45 PM	Dinner Speech - Video analytics	David Castanon	Boston University
7:15 PM	End Day 1		
DAY 2			
Time	Topic	Speaker	Affiliation
7:30 AM	Continental breakfast		
8:00 AM	Day 2 objectives	Carl Crawford	Csuptwo
8:05 AM	ADSA08 topics	Carl Crawford	Csuptwo
8:15 AM	Combined segmentation/reconstruction	Birsan Yazici	Rensselaer Polytechnic Institute
8:40 AM	Combined segmentation/reconstruction	Willem-Jan Palenstijn	University of Antwerp
9:05 AM	Combined segmentation/reconstruction	Oguz Semerci	Tufts University
9:30 AM	Metrics for segmentation algorithms	Karina Bond	Lawrence Livermore National Laboratory
9:55 AM	Break		
10:30 AM	Dictionary Learning for Few-view Reconstruction	Ge Wang	Virginia Tech
10:55 AM	Artifact reduction for low-dose using IRT	W. Clem Karl	Boston University
11:20 AM	Status of third party involvement	Laura Parker	DHS
11:30 AM	TSA procurement procedures	Matt Cobey	TSA
11:55 AM	3rd involvement in medical imaging & security	Doug Pearl	Inzight Consulting
12:40 PM	Lunch		
1:40 PM	Acceleratiing 3rd party involvement	Richard Bijjani	Robehr Analytics
1:55 PM	Company introduction and 3rd party support	Joe Paresi	Integrated Defense and Security Solutions
2:05 PM	Next steps	Harry Martz	Lawrence Livermore National Laboratory
2:40 PM	Open discussion	All	All
3:10 PM	Closing remarks - DHS	Laura Parker	DHS
3:15 PM	Closing remarks - DHS	Doug Bauer	DHS
3:20 PM	Closing remarks - ALERT	Michael Silevitch	Northeastern University
3:25 PM	Adjourn	Carl Crawford	Csuptwo