

Date	Time	Kupf 117	Kupf 118	Kupf 209	Kupf 210	Kupf 211
M a r c h  2 2  Sat	8:45-9:00	Welcome Address in the Theater				
	9:00-10:00	Plenary Presentation in the Theater 4.0.0-1 <i>The Life and Times of a Rookie Astronaut</i> , Reisman, Garrett in the Theater				
	10:00	Coffee Break				
	10:15-12:00	5.1.1 Signals and Systems	4.1.2 Bioengineer-ing of Spaceflight	Industry Panel	7.1.3 Tissue Engineering	3.1.4 Imaging
	10:15-10:30	5.1.1-1 <i>Wavelet Representation Comparison for Heart Rate Variability Analysis</i> , Newandee, Douglas A.; Reisman, Stanley S.	4.1.2-1 <i>Living After Lift Off</i> , Rethke, Donald W	What can academia do to better match students' capabilities to industry Needs  Participants Include:	7.1.3-1 <i>HIV Viral Docking: Model Predictions for Bond Number and Trajectory</i> , English, Thomas J; Hammer, Daniel A	3.1.4-1 <i>Maximum Likelihood Reconstruction for Tomosynthesis</i> , Chen, Pei and Barner, Kenneth
	10:30-10:45	5.1.1-2 <i>Nonlinear Analysis of the Separate Contributions of Autonomic Nervous Systems to Heart Rate Variability Using Principal Dynamic Modes</i> , Zhong, Y; Wang, H.; Ju, K.; Jan, K.M.; Chon, K.H.		<ul style="list-style-type: none"> <li>Vincent DeCaprio, President - Vyteris, Inc.</li> <li>Chung - Yih Ho, VP- Ethicon Cardio Vations</li> <li>Steve Annunizato, VP - Integra LifeSciences</li> <li>Mary Ann Fam, Datascope</li> </ul>	7.1.3-2 <i>Dynamic Simulations of Inflammatory Cell Recruitment: The State Diagram for Cell Adhesion Mediated by Two Receptors</i> , Bhatia, Sujata K; Hammer, Daniel A	3.1.4-2 <i>Fast, Accurate and Memory-Saving Art Based Tomosynthesis</i> , Wang, Beilei; Barner, Kenneth
10:45-11:00	5.1.1-3 <i>Automatic Monitoring of the Infusion System in a Rotary Heart Assist Device</i> , Yu, Yih-Choung			7.1.3-3 <i>FINITE ELEMENT MODELING OF CELLULAR RESPONSES OF GAP JUNCTION CONNECTED OSTEOCYTES UNDER EXTREMELY LOW-FREQUENCY ELECTROMAGNETIC FIELDS</i> , Sreedharan, Vikram	3.1.4-3 <i>AN IMAGE ANALYSIS METHOD FOR QUANTIFYING ELLIPTICAL AND PARTIALLY OBSTRUCTED PUPIL AREAS IN RESPONSE TO CHEMICAL AGENT VAPOR EXPOSURE</i> , Miller, Dennis B.; Benton, Bernard J.; Hulet, Stanley W.; Mioduszewski, Robert J.; Whalley, Christopher E.; Carpin, John C.; Thomson, Sandra A.	

	11:00-11:15	5.1.1-4 <i>Cardioventilatory Differences in Spinal Cord Injured Subjects During Peak Exercise Testing</i> , DePrince, Melissa L.; Reisman, Stanley; Wecht, Jill M.	4.1.2-2 <i>OTOLITH FUNCTION AS DETERMINED BY BODY ORIENTATION IN A HUMAN CENTRIFUGE</i> , Donald G. Helt III and Richard Foulds, Ph.D		7.1.3-4 <i>Cytodynamic Micro/Nanointerfaces for Cellular Engineering</i> , Moghe, Prabhas V.	3.1.4-4 <i>A Comparison of Contrast-Enhanced Ultrasound to Angiogenic Markers</i> , Ro, Raymond J.; Forsberg, Flemming; Liu, Ji-Bin; James, Kathryn M.; Potoczek, Magdalena; Lewin, Peter A.; Nazarian, Levon N.
<b>Date</b>	<b>Time</b>	<b>Kupf 117</b>	<b>Kupf 118</b>	<b>Kupf 209</b>	<b>Kupf 210</b>	<b>Kupf 211</b>
<b>M a r c h 2 2</b>	11:15-11:30	5.1.1-5 <i>Non- Linear Dynamics Equations and Chaos</i> , Soltani, Farnaz and Drzewiecki, Gary	4.1.2-3 <i>Confocal Acoustic Scanning for Characterizing Human Trabecular Bone Quantity and Quality</i> , Xia, Yi; Lin, Wei; Chadha, Arinder; Reardon, Charles; Gruber, Barry; Rubin, Clinton; Qin, Yi-Xian			3.1.4-5 <i>A Novel Method for Characterization of Nonlinear Propagation and Spatial Averaging Effects for Ultrasound Imaging Systems</i> , Radulescu, Emil G.; Wojcik, Janusz; Lewin, Peter A.; Nowicki, Andrzej
	11:30-11:45	5.1.1-6 <i>FEATURE SUBSET SELECTION FOR BLOOD PRESSURE CLASSIFICATION USING OTHOGONAL FORWARD SELECTION</i> , COLAK, SUKRU; ISIK, CAN	4.1.2-4 <i>Biomedical Spinoff Technology from Aerospace Medicine</i> , Wiechetek, Walter J		7.1.3-5 <i>Integrating Molecular Thermodynamics and Systems Biology to Improve the Cellular Effectiveness of Antisense Oligonucleotides</i> , Roth, Charles M	3.1.4-6 <i>Development and testing of an algorithm and its implementation to validate Digital Morse methods for segmentation of image data.</i> , J L Cox, M B Rothman and D B Karron
<b>Sat</b>	11:45-12:00	5.1.1-7 <i>Preliminary Assessment of the Enhanced External Counter Pulsation on Heart Rate Variability for Heart Failure Patients</i> , Jayaraman, Kripa			7.1.3-6 <i>Flow Attachment Assessment of a Peptide-Conjugated Polymeric Contrast Agent for Targeted Ultrasound Imaging</i> , Lathia, Justin D.; Oeffinger, Brian; Barbee, Kenneth A.; Wheatley, Margaret A.	3.1.4-7 <i>NON RIGID MEDICAL IMAGE REGISTRATION BASED ON THE MAXIMIZATION OF QUADRATIC MUTUAL INFORMATION</i> , ATIF, Jamal; Ripoche, Xavier; Coussinet, Cedric; Osorio, Angel
	12:00	<b>Lunch and Career Fair</b>				
	12:00-14:30	<b>Poster Session in Ballroom</b>				
	14:30-15:30	14.2.5 <b>Drug Delivery</b>	9.2.2 <b>Physiological Monitoring</b>	1.2.1 <b>Neural Engineering</b>	8.2.3 <b>Biomechanics</b>	3.2.4 <b>Imaging</b>

	14:30-14:45	14.2.5-1 <i>Protein adsorption into polymersomes: Effect of chain length on circulation time in vivo</i> , Pata, Veena; Dan, Nily; Photos, Peter; Discher, Dennis	9.2.2-1 <i>Systems Engineering And Software Development For The NIH Fetal Saturation (Fox) Trial</i> , Weininger, Sandy	1.2.1-1 <i>EYE AND MOUSE MOVEMENTS FOR USER INTERFACE DESIGN</i> , Sengupta, Tirthankar ; Jeng, One-Jang	8.2.3-1 <i>Method for Measuring Performance of Fixation Techniques for Hamstring Tendon Graft Replacement of the Anterior Cruciate Ligament</i> , Wheeler, Matthew W.; Nissen, Carl W.; Adams, Douglass J.	3.2.4-1 <i>Neuroenergetic basis of functional MRI: Implications for efficiency of brain work</i> , Hyder, Fahmeed
<b>Date</b>	<b>Time</b>	<b>Kupf 117</b>	<b>Kupf 118</b>	<b>Kupf 209</b>	<b>Kupf 210</b>	<b>Kupf 211</b>
M a r c h  2 2  Sat	14:45-15:00	14.2.5-2 <i>AN ANALYTICAL SOLUTION FOR PERCUTANEOUS DRUG ABSORPTION</i> , Simon, Laurent; Loney, Norman W.	9.2.2-2 <i>DETECTION OF REPOLARIZATION ALTERNANS WITH AN IMPLANTABLE CARDIOVERTER DEFIBRILLATOR LEAD</i> , Maybhate, Anil; Christini, David J.	1.2.1-2 <i>Decreased Dynamics in the Adaptation Phase Signifies that Short Term Adaptation Exists in Convergence and Divergence Ocular Movements</i> , Bhavsar, Mayur R , Alvarez, Tara L., Semmlow, John L, Bergen Michael	8.2.3-2 <i>POSTURAL STABILITY: MATHEMATICAL MODELING TO EVALUATE INTERVENTIONS</i> , Sims, Tiffany R.	
	15:00-15:15	14.2.5-3 <i>Modification of Surfactant Contrast Agent for Targeted Ultrasound Imaging</i> , Oeffinger, Brian E.; Lathia, Justin D.; Dhoot, Nikhil O.; Barbee, Kenneth A.; Wheatley, Margaret A.	9.2.2-3 <i>Design of a Digital Radio-Frequency Telemetry System For Recording of Electrophysiological Data in Freely Moving Rats</i> , Downe, Richard W; Blaise, J. Harry; Bronzino, Joseph D.	1.2.1-3 <i>A Cerebellar Neural Network Model for Adaptative Control of Saccades Implemented With Matlab</i> , Rodriguez Campos, Francisco A ; Enderle, John D	8.2.3-3 <i>THE EFFECT OF HYDROGEL NUCLEUS IMPLANT ON THE MECHANICAL BEHAVIOR OF THE LUMBAR FUNCTIONAL SPINAL UNIT: AN EXPERIMENTAL STUDY</i> , Joshi, Abhijeet ; Vresilovic, Edward; Marcolongo, Michele; Lowman, Anthony; Karduna, Andrew	3.2.4-2 <i>Using an Adaptive Filter to Extract the Hemodynamic Response From fMRI Data</i> , Steffener, Jason R.; Lange Gudrun; Bly, Benjamin M.; Biswal B.; Reisman, Stanley
	15:15-15:30	14.2.5-4 <i>TIME FREQUENCY ANALYSIS OF DYNAMIC SYRINGE FRICTION – THE BENEFITS OF AN O-RING PLUNGER SEAL DESIGN</i> , Kalafut, John F		1.2.1-4 <i>Neuro-Control in Divergence Eye Movements</i> , Daftari, Anuj; Alvarez, Tara L.; Kung, Michele L.; Semmlow, John L.	8.2.3-4 <i>Determination of Bone Porosity by Non-invasive Nuclear Magnetic Resonance</i> , Lam, H.Y.; Grine, F.; Ni, Q.; Rubin, C.; Qin, Y.X	3.2.4-3 <i>RESIDUAL EFFECTS OF HEAD MOVEMENT IN FMRI</i> , Arnold, Sheeba R. ; Ernst, Thomas. ; Tomasi, Dardo. ; Caparelli, Elisabeth C. ; Chang, Linda.

		Coffee Break				
		Beginning of High School Robotics Design Competition in Upper Lobby				
Date	Time	Kupf 117	Kupf 118	Kupf 209	Kupf 210	Kupf 211
	15:30					
	15:45-17:15	11.3.1 Rehabilitation	6.3.2 Biosensors		8.3.3 Biomechanics	2.3.5 Instrumentation
	15:45-16:00	11.3.1-1 <i>THE GREAT DIVIDE – THE HUMAN-MACHINE INTERFACE</i> , Weir, Richard F	6.3.2-1 <i>EXPLORING ALL-ELECTRICAL SOFT-TISSUE STIFFNESS MEASUREMENT USING PIEZOELECTRIC UNIMORPH CANTILEVERS</i> , Szewczyk, Steven T; Shih, Wei-Heng; Shih, Wan Y		8.3.3-1 <i>Computational Fluid Mechanical Analysis of a Chest Drain Device with Circular Side Holes</i> , Chung, Juhyun; Li, John K-J	2.3.5-1 <i>Gall Bladder Case Study: The DaVinci Telerobotic Surgical System</i> , McDermott, Kevin J
M a r c h  2 2  Sat	16:00-16:15		6.3.2-2 <i>PHOTODETECTOR SIZE CONSIDERATIONS IN THE DESIGN OF A NONINVASIVE REFLECTANCE PULSE OXIMETER FOR TELEMEDICINE APPLICATIONS</i> , Pujary, Chirag J. ; Savage, Mark B.; Mendelson, Yitzhak		8.3.3-2 <i>MODEL OF UPPER AIRWAY FLOW RESTRICTION IN CHILDREN WITH OBSTRUCTIVE SLEEP APNEA</i> , Wootton, David M	2.3.5-2 <i>DEVELOPMENT AND PRELIMINARY DATA OF AN</i> , Moore, Eugene J; Alvarez, Tara L; Fechtner, Robert D; Greene, Richard J; Thomas, Gordon A
	16:15-16:30	11.3.1-2 <i>A COMPUTATIONAL MODEL OF THE SPASTIC BEHAVIOR OF THE LOWER LIMB</i> , Mantilla, Bruno , Foulds Richard , Sue Anne Sisto	6.3.2-3 <i>OPTIMIZING POWER CONSUMPTION IN THE DESIGN OF A WEARABLE WIRELESS TELESENSOR: COMPARISON OF PULSE OXIMETER MODES</i> , Savage, Mark B.; Pujary Chirag J.; Mendelson, Yitzhak		8.3.3-3 <i>Osteoporotic Vertebral Bones: Experimental, Analytical and Rapid Prototyping Investigation</i> , Langrana, Noshir A	2.3.5-3 <i>DATA RECORDING AND ANALYSIS OF AMERICAN SIGN LANGUAGE</i> , DeMarco, Robert M; Foulds, Richard A

	16:30-16:45	11.3.1-3 <i>ANALYSIS OF GAIT EVENT DETECTION ALGORITHMS APPLIED TO MOVEMENT DATA COLLECTED ON A SLOPED TREADMILL</i> , Saxe, David M.; Foulds, Richard A.	6.3.2-4 <i>TRAPPING PARTICLES IN MICROFLUIDICS BY POSITIVE DIELECTROPHORESIS</i> , Markarian, Nikolai; Yeksel, Mike; Khusid, Boris; Farmer, Kenneth; Acrivos, Andreas			2.3.5-4 <i>Real-Time Linux Experiment Interface System: RTLab</i> , Culianu, Calin A; Christini, David J	
	16:45-17:00	11.3.1-4 <i>Virtual Reality Telerehabilitation</i> , Deutsch, Judith	6.3.2-5 <i>AN APPROACH TO DESIGNING AN IMPLANTABLE INTRAOCULAR PRESSURE SENSOR</i> , Chomiak, Robert		8.3.3-4 <i>Model Investigation of the Changes in Mechanical Properties of a Blood Vessel With a Blood Flow Obstruction</i> , Kuhn, Irene J ; Drzewiecki, Gary	2.3.5-5 <i>Biomedical Information Engineering: Quo Vadis</i> , Laxminarayan, Swamy	
	17:00-17:15		6.3.2.6 <i>Surface Functionality in Chemical and Biomedical Microsystems</i> , Besser, Ronald				
	18:00-20:00	Banquet at the Newark Museum					

Date	Time	Kupf 117	Kupf 118	Kupf 209	Kupf 210	Kupf 211
M a r c h  23  Sun	8:30-9:00	Plenary Presentation in Kupf 117 <i>13.0.0-1 Evolution of a Bioengineering Preferential Access Network - BEACON</i> , Bronzino, Joseph				
	9:15-10:45	1.4.1 <i>Neural Engineering</i>	9.4.2 <i>Physiological Monitoring</i>		14.4.3 <i>Drug Delivery</i>	15.4.4 <i>Bio Optics</i>
	9:15-9:30	1.4.1-1 <i>Retraining the Arm function in Hemiplegic Patients Using a Neuroprosthesis for Reaching and Grasping</i> , Popovic, Milos	9.4.2-1 <i>CONVECTIVE HEAT TRANSFER DURING ENDOMETRIAL CRYOABLATION USING PFC FLUID</i> , Naglapura, Subramanya R		14.4.3-1 <i>Action of Apolipoprotein A-I on Lecithin-Cholesterol Vesicles in Model Bile</i> , Gudheti, Manasa V.; Wrenn, Steven P.	15.4.4-1 <i>Effect of Polymer Composition on In Vivo Ultrasound Contrast Agent Performance</i> , Lathia, Justin D.; Le, Ngocyen; El-Sherif, Dalia; Forsberg, Flemming; Liu, Jin-Bin; Merton, D.A; Shimizu, M.; Goldberg, B.B.; Wheatley, M.A.

	9:30-9:45		9.4.2-2 <i>Determination of Efficacy of Acute Normovolemic Hemodilution through Mathematical Modeling</i> , Dominik, Jeremy; Baker, Jillian; Kaya, Mehmet; Li, John K-J		14.4.3-2 <i>PLURONIC P105 SENSITIZES CHOLESTEROL-FREE LIPOSOMES TO ULTRASOUND</i> , Lin, Hung-yin; Thomas, James L	15.4.4-2 <i>Feasibility of Two-Dimensional Color Imaging in Coronary Vessels Using a Single-Mode Fiber Catheter</i> , Anderson, Kerry Lee
	9:45-10:00	1.4.1-2 <i>Characterization of Hippocampal Synaptic Plasticity in the Freely Behaving Neonatal Rat</i> , Blaise, J. Harry; Bronzino, Joseph D.	9.4.2-3 <i>ANALYSIS OF HEART RATE VARIABILITY IN A RABBIT MODEL OF HEART FAILURE USING KARHUNEN-LOEVE EXPANSION</i> , Pisut Raphisak, Stephanie Caswell Schuckers		14.4.3-3 <i>Microparticulate focal drug delivery to the peripheral and central nervous systems</i> , Kohane, Daniel S.	15.4.4-3 <i>WAVELENGTH SELECTION FOR MULTI-SPECTRAL IMAGING OF SKIN LESIONS USING NEVOSCOPE</i> , Patwardhan Sachin V. ; Dhawan Atam P.; and Relue Patricia A.
	10:00-10:15	1.4.1-3 <i>Alginate Strings with Genetically Engineered Fibroblasts and their Application in Spinal Cord Regeneration</i> , Kanakasabai, Saravanan	9.4.2-4 <i>Analysis of Flow Cytometric Data</i> , Quinn, John; Loo, Li-Hsin; Capocasale, Renold ; Bugelski, Peter ; Kam, Moshe ; Hrebien, Leonid			15.4.4-4 <i>OPTICAL MEASUREMENT OF GLUCOSE CONCENTRATIONS USING RAMAN SPECTROSCOPY</i> , Vilaboy, Michael J.; Ergin, Aysegul; Tchouassi, Alain; Greene, Richard; Thomas, Gordon A.
	10:15-10:30	1.4.1-4 <i>A CLUSTER OF WORKSTATIONS FOR ON-LINE ANALYSES OF NEUROPHYSIOLOGICAL DATA</i> , Laubach, Mark; Arie, Yoav; Luczak, Artur; Oh, Jong; Xu, Yixing	9.4.2-5 <i>EYEGLASS GLUCOMETER</i> , Clovis, Darlene			15.4.4-5 <i>Polarized Light Reflection - Applications to Non-Invasive Measurement of Skin's Mechanical Properties</i> , Federici, John
	10:30-10:45	1.4.1-5 <i>The Phonic "EYE"</i> , Jackson, Shavon L.				
Date	Time	Kupf 117	Kupf 118	Kupf 209	Kupf 210	Kupf 211
M a r	10:45	Coffee Break				
	11:00-12:45	5.5.1 Signals and Systems	10.5.2 Cardiovascular Biomechanics		7.5.3 Biomaterials	3.5.4 Imaging

c h  23  Sun	11);00- 11:15	5.5.1-1 <i>Analysis of Information from Complex Systems: The Future of Bioengineering Research</i> , McLeod, Ken	10.5.2-1 <i>Regional mechanical effects of pacing in the intact porcine heart</i> , Azeloglu, Evren U.; Yun, Yang H.; Gaudette, Glenn R.; Saltman, Adam E.; Krukenkamp, Irvin B.; Chiang, Fu-Pen; Chen, Weiliam		7.5.3-1 <i>Micro-CT characterization of fusing extruded PCL Scaffolds</i> , Darling, Andrew L	3.5.4-1 <i>Computer Aided Image Analysis of Mobile Microscopic Objects: The Detection Phase</i> , Tamboli, Mahesh; Volkert, Gwenn
	11:15- 11:30		10.5.2-2 <b>ANTISPIRAL WAVES CANNOT OCCUR IN THE HEART: Implications for the Leading-Circle theory of reentry</b> , Gong, Yunfan; Christini, David J.		7.5.3-2 <b>CHARACTERIZING THE MECHANICAL PROPERTIES OF POLY-(DTE CARBONATE) SCAFFOLD FROM THE FINITE ELEMENT SIMULATION OF ITS MICROTOPOLOGY</b> , LIU, YINGHUI; Sascha Abramson; Joachim Kohn; Dajun Zhang	3.5.4-2 <i>A Cost Effective System for Optical Imaging</i> , Kim, Nam-Hun; Chaibi, A.; Ketonis, C.; Semmlow, J.; Dunn, S.
	11:30- 11:45	5.5.1-2 <i>Transmission Line Modeling for Acupuncture Nodal Therapy</i> , Sathyendra, HM; Chan, JE; Sivaprasad, KU; LaCourse, JR	10.5.2-3 <i>Identifying Mechanical Stimuli for Cardiac Hypertrophy</i> , Holmes, Jeff		7.5.3-3 <i>On Effective Properties of Heterogeneous Bone Scaffold</i> , Yan, Chang; Starly, Binil; Gomez, Connie; Fang, Zhibin; Sun, Wei	3.5.4-3 <i>A Broadband Microwave Breast Imaging System</i> , Li, Dun; Meaney, Paul M.; Raynolds, Timothy; Pendergrass, Sarah A.; Fanning, Margaret W.; Paulsen, Keith D.
	11:45- 12:00	5.5.1-3 <b>IDENTIFICATION OF SINGLE-BREATHS FROM RIBCAGE AND ABDOMEN DISPLACEMENT SIGNALS</b> , Xiao Wang; Karen Brown; Henrietta Galiana; and Robert Kearney			7.5.3-4 <b>COMPUTER-AIDED BONE SCAFFOLD DESIGN:</b> , Starly, Binil.; Gomez, Connie.;Darling, Andrew.;Fang, Zhibin.;Lau, Alan.;Sun, Wei	3.5.4-4 <i>Rapid detection of inhomogeneity in a tissue phantom</i> , Siew Kan Wan; Guo, Zhixiong
Date	Time	Kupf 117	Kupf 118	Kupf 209	Kupf 210	Kupf 211

M a r c h  23  Sun	12:00-12:15	5.5.1-4 <i>Classification of SELDI-ToF Mass Spectra of Ovarian Cancer Serum Samples Using a Proteomic Pattern Recognizer</i> , Loo, Lit-Hsin; Quinn, John; Cordingley, Hayley; Roberts, Samuel; Hrebien, Leonid; Kam, Moshe	10.5.2-4 <i>ELECTRO-CHEMICAL MODEL OF THE EXCITATION-CONTRACTION PROCESS IN THE CARDIAC MIOCYTE</i> , Lamanna, Rosalba.; Delgado, Marisol.; Roche, Rosanny.; Rocaries, Francois.; Hamam.; Yskander		7.5.3-5 <i>The Effect of Fatigue on Associating Hydrogels for Nucleus Pulposus Replacement</i> , Thomas, Jonathan; Shuen, Andrew; Lowman, Anthony; Marcolongo, Michele	3.5.4-5 <i>MANUAL VS. COMPUTER-BASED STEREOLOGY – UNDERSTANDING THE TRADEOFFS</i> , Markowitz, Zvi ; Loew, Murray H.
	12:15-12:30	5.5.1-5 <i>Wavelet Analysis of Masseter Muscle EMG During Emotional Provocation</i> , Petrock, Anne Marie; Reisman, Stanley	10.5.2-5 <i>An Integrated Method to Determine the Stress-Strain Relationship of Beating Heart</i> , Zhao, Fuzhang; Chen, Jim S.J.; Blagg, Andrew G.; Berretta, Remus Jr.; Margulies, Kenneth B.		7.5.3-6 <i>THE EFFECT OF NUCLEUS IMPLANT MODULUS ON THE MECHANICAL BEHAVIOR OF LUMBAR FUNCTIONAL SPINAL UNIT: A FINITE ELEMENT STUDY</i> , Joshi, Abhijeet ; Karduna, Andrew; Marcolongo, Michele	3.5.4-6 <i>AN AUTOMATED INFRARED IMAGE ACQUISITION AND ANALYSIS METHOD FOR QUANTIFYING OPTICAL RESPONSES TO CHEMICAL AGENT VAPOR EXPOSURE</i> , Miller, Dennis B. ; Benton, Bernard J.; Hulet, Stanley W.; Mioduszewski, Robert J.; Whalley, Christopher E.; Carpin, John C.; Thomson, Sandra A.
	12:30-12:45	5.5.1-6 <i>COPD Severity Classification Using Principal Component and Cluster Analysis on HRV Parameters</i> , Newandee, Douglas A.; Reisman, Stanley S.; Bartels, Matthew N.; De Meersman, Ronald E.			7.5.3-7 <i>THE EFFECT OF LIPID ABSORPTION ON THE MECHANICAL PROPERTIES OF CROSSLINKED AND CONVENTIONAL UHMWPE</i> , Turner, Joseph L ; Kurtz, Steven M; Bracco, Pierangiola; Costa, Luigi	3.5.4-7 <i>A Digital Method of Drusen Quantification Based on The Geometry of Fundus Reflectance</i> , Chan, Jackie K; Smith, R. Theodore; Nagasaki, Takayuki; Sparrow, Janet R.; Barbazetto, Irene; Klaver, Caroline C.W.
	12:45-13:30	Lunch				
13:30-14:00	Awards Ceremony and Conclusion					