

Title	Authors	PAPER NUMBER	PRESENTATION DATE	PRESENTATION TIME/TYPE	ROOM
1. Natural Flexible Armor: Mechanical Properties of Individual Chiton Plates	<u>Matt Connors</u> , Christine Ortiz	TT2.6 TT: Nanobiotechnology and Nanobiophotonics-- Opportunities and Challenges	November 30, 2009 11:45 AM to 12:00 PM	Gardner (Sheraton)	Oral
2. Structure and Properties of the Shell of the Hydrothermal Vent Limpet <i>Lepetodrilus Cristatus</i>	<u>Haimin Yao</u> , Christine Ortiz	TT5.24 TT: Nanobiotechnology and Nanobiophotonics-- Opportunities and Challenges	November 30, 2009 08:00pm to 08:00pm	Exhibit Hall D (Hynes)	Poster
3. Bio-organic Armor in Nature	<u>Christine Ortiz</u>	QQ7.2 (QQ: Responsive Gels and Biopolymer Assemblies)	December 02, 2009 09:00 AM to 09:30 AM	208 (Hynes)	Invited Oral
4. Threat Protection of Natural Exoskeletons	<u>Juha Song</u> , Mary C. Boyce, Christine Ortiz	VV.5 Micro- and Nanoscale Processing of Biomaterials	December 02, 2009 09:30AM to 09:45AM	202 (Hynes)	Oral
5. Single Molecule Structure and Properties of Human Intervertebral Disc Aggrecan	<u>Fei Liang</u> , Peter Roughley, Alan Grodzinsky, Christine Ortiz	QQ7.4 QQ: Responsive Gels and Biopolymer Assemblies	December 02, 2009 10:30 AM to 10:45 AM	208 (Hynes)	Oral

6. Molecular-level Structure of Aggregated Cartilage Proteoglycans Reconstituted <i>in Vitro</i>	<u>Hsu-Yi Lee</u> , Sangwon Byun, John D Sandy, Christine Ortiz, Alan Grodzinsky	QQ7.5; QQ: Responsive Gels and Biopolymer Assemblies	December 02, 2009 10:45 AM to 11:00 AM	Room 208 (Hynes)	Oral
7. Electrochemically-Controlled Mechanical Properties of a Polymer Nanocomposite	<u>Daniel J. Schmidt</u> (speaker), Fevzi Ç. Cebeci, Z. Ilke Kalcioğlu, Samantha G. Wyman, Christine Ortiz, Krystyn J. Van Vliet, Paula T. Hammond	FF11.11 FF: Mechanical Behavior of Nanomaterials —Experiments and Modeling	December 04, 2009 11:45 AM to 12:00 PM	Room 304 (Hynes)	Oral
8. Electrochemically-Induced Percolative Mechanical Properties of Polyaniline Nanofiber-Polymer Composites	<u>Fevzi C. Cebeci</u> , Daniel J. Schmidt, Christine Ortiz, Paula T. Hammond	FF12.9 FF: Mechanical Behavior of Nanomaterials —Experiments and Modeling	December 04, 2009 04:15 PM to 04:30 PM	Constitution B (Sheraton)	Oral