

# **General Program**

## **Sunday, June 25, 2006**

<b>Time</b>	<b>Event/Session</b>	<b>Location</b>
5:00 PM	On-Site Registration	Polo Residence
7:00 PM	Welcome Picnic	Polo Lawn

## **Monday, June 26, 2006**

<b>Time</b>	<b>Event/Session</b>	<b>Location</b>
8:25 AM	Formal Opening	Pugh Auditorium
8:30 AM	Plenary A	Pugh Auditorium
10:15 AM	Coffee Break	Benson 401
10:40 AM	Plenary B	Pugh Auditorium
12:15 PM	Lunch	Magnolia
2:00 PM	Plenary C	Pugh Auditorium
3:40 PM	Posters & Beer	Benson 401
6:00 PM	Dinner	Reynolda Village
9:00 PM	Posters & Dessert	Benson 401

## **Tuesday, June 27, 2006**

<b>Time</b>	<b>Event/Session</b>	<b>Location</b>
8:25 AM	Announcements	Pugh Auditorium
8:30 AM	Plenary D	Pugh Auditorium
10:00 AM	Coffee Break	Benson 401
10:40 AM	Plenary E	Pugh Auditorium
12:15 PM	Lunch	Magnolia
1:30 PM	Oral Poster A	Olin 101, 103, 107
3:30 PM	Refreshments	Olin Lobby
4:00 PM	Oral Poster A - Repeat	Olin 107, 103, 101
6:00 PM	Dinner	City
9:00 PM	Posters & Beer	Benson 401

## **Wednesday, June 28, 2006**

<b>Time</b>	<b>Event/Session</b>	<b>Location</b>
8:25 AM	Announcements	Pugh Auditorium
8:30 AM	Plenary F	Pugh Auditorium
10:50 AM	Gather for Excursions	In front of Benson
11:10 AM	Excursions Depart	
6:00 PM	Banquet	

## Thursday, June 29, 2006

<b>Time</b>	<b>Event/Session</b>	<b>Location</b>
8:25 AM	Announcements	Pugh Auditorium
8:30 AM	Plenary G	Pugh Auditorium
10:00 AM	Coffee Break	Pugh Lobby
10:40 AM	Plenary H	Pugh Auditorium
12:30 PM	Lunch	Magnolia
2:00 PM	Oral Posters B	Olin 101, 103, 105, 107
3:40 PM	Break	Olin Lobby
4:20 PM	Oral Posters B - Repeat	Olin 107, 105, 103, 101
6:00 PM	“Alive After Five”	City

## Friday, June 30, 2006

<b>Time</b>	<b>Event/Session</b>	<b>Location</b>
8:25 AM	Announcements	Pugh Auditorium
8:30 AM	Plenary I	Pugh Auditorium
10:20 AM	Prize Session	Pugh Auditorium
11:20 AM	Coffee Break	Pugh Lobby
12:00 PM	Closing Session	Pugh Auditorium
12:50 PM	Lunch	Magnolia
1:00 PM	Start Departures	
6:00 PM	“4 <sup>th</sup> Street Jazz and Blues”	City

	June 25, 2006	June 26, 2006	June 27, 2006	June 28, 2006	June 29, 2006	June 30, 2006	July 1, 2006
<b>8:25 AM</b>		Formal Opening	Announcements	Announcements	Announcements	Announcements	
<b>8:30 AM</b>	Airport Shuttle	Plenary A	Plenary D	Plenary F	Plenary G	Plenary I	Airport Shuttle
<b>9:00 AM</b>							
<b>10:00 AM</b>		Coffee Break	Coffee Break	Coffee Break	Prize Session		
<b>11:00 AM</b>		Plenary B	Plenary E	Excursion	Plenary H	Coffee Break	
<b>12:00 PM</b>		Lunch	Lunch		Lunch	Closing Session	
<b>1:00 PM</b>				Plenary C		Oral Poster A	
<b>2:00 PM</b>							
<b>3:00 PM</b>		Posters & Beer	Refreshments	Break			
<b>4:00 PM</b>			Oral Poster A - Repeat		Oral Poster B - Repeat		
<b>5:00 PM</b>		On-Site Registration	Dinner	Dinner	Banquet	"Alive After Five"	
<b>6:00 PM</b>							
<b>7:00 PM</b>	Welcome Picnic						
<b>8:00 PM</b>							
<b>9:00 PM</b>		Posters & Dessert	Posters & Beer				
<b>10:00 PM</b>							

# **Scientific Program**

## Monday, June 26, 2006

<b>8:25 AM</b>		<b>Opening Session</b>	<b>Pugh</b>	
<b>8:30 AM</b>		<b>Plenary A</b>	<b>Pugh</b>	<i>chair: C. Klingshirn</i>
8:30 AM	PLA-1	<b>First principles calculation of optical and electronic properties with inclusion of exciton effects</b> <i>Sohrab Ismail-Beigi</i>		
9:15 AM	PLA-2	Optical pumping of nuclear polarization in a single self-assembled InAlAs quantum dot <i>Satoru Adachi, T. Yokoi, T. Mukumoto, H. Kumano, I. Suemune, S. Muto</i>		
9:40 AM	PLA-3	Equilibration of two-dimensional excitons in an in-plane harmonic potential (EP) <i>Zoltan Voros, David Snoke, Loren Pfeiffer, Ken West</i>		
<b>10:40 AM</b>		<b>Plenary B</b>	<b>Pugh</b>	<i>chair: T. Itoh</i>
10:40 AM	PLB-1	<b>UV photon entanglement through biexcitonic states</b> <i>Keichi Edamatsu</i>		
11:25 AM	PLB-2	Control of quantum interference through organic photonic crystal structures <i>Rainer F. Mahrt, Rik Harbers, Selim Jochim, Daniel Erni, John A. Hoffnagle, William D. Hinsberg, Nikolaj Moll</i>		
11:50 AM	PLB-3	Entangled-photon generation via biexcitons in nano-structures (EP) <i>Motoaki Bamba, Hajime Ishihara</i>		
<b>2:00 PM</b>		<b>Plenary C</b>	<b>Pugh</b>	<i>chair: A. Matsui</i>
2:00 PM	PLC-1	<b>Temperature-dependent properties of Frenkel excitons in molecular aggregates: transport efficiency, line broadening, and radiative lifetime</b> <i>Victor Malyshev</i>		
2:45 PM	PLC-2	Simulation of energy transfer in disordered two-dimensional mixed J-aggregates <i>Jean-Pierre G. Lemaistre</i>		
3:10 PM	PLC-3	The absorption spectra of quantum aggregates <i>John S. Briggs, A. Eisfeld</i>		
<b>3:40 PM</b>		<b>Poster Session</b>	<b>Benson 401</b>	
	PO-01	Morphology dependence of excitonic energy transfer in light harvesting dendrimers having benzyl ether-type peripheries <i>Ichiro Akai, T. Kato, K. Kanemoto, T. Karasawa, M. Ohashi, S. Shinoda, H. Tsukube</i>		
	PO-02	Photo- and cathodo-luminescence in the porous silicon -conducting polymer nanoscale heterostructures <i>Olena I. Aksimentyeva, P. Y. Stakhira, L. S. Monastyrskiy, V. P. Savchyn</i>		
	PO-03	Time response of up-converted emission on cyanine dye J-aggregates <i>Yakito Akutagawa, K. Miyasue, T. Sekiya, S. Kurita, M. Nakajima, T. Suemoto</i>		
	PO-04	Time dependence of the anisotropy of fluorescence in molecular rings <i>Pavel Herman, Ivan Barvik</i>		

- PO-05 Triplet lifetime and yield in MEH-PPV doped with carbon nanotubes  
*Jerrold E. Kielbasa, Kyongkon Kim, A. G. Manoj, K. B. Ucer, David L. Carroll, Richard T. Williams*
- PO-06 Manifestation of the Wannier-Stark ladder in the linear absorption spectrum of biased 1D systems with scale-free disorder (EP)  
*Elena Diaz, V. A. Malyshev, F. Domínguez-Adame*
- PO-07 Morphology changes of CuCl thin films induced by photo-irradiation  
*Masahiro Hasuo, A. Shimamoto, T. Fujiwara*
- PO-08 Model of temperature dependent crystal relaxation  
*Eva Mihokova, L. S. Schulman*
- PO-09 A correlation of the optical and thermoluminescence properties of the single crystals NaCl:Ca: Mn after irradiating them with gamma rays  
*Gabriela Sánchez-Mejorada, J. Valdes, D. Frias*
- PO-10 EPR on anatase titanium dioxide under uv-light irradiation  
*Takao Sekiya, H. Takeda, N. Kamiya, S. Kurita, T. Kodaira*
- PO-11 Raman study of order-disorder transition of bipolarons in Ti4O7  
*Masayuki Watanabe, Wakana Ueno*
- PO-12 Photoinduced Mott transition in strongly correlated low-dimensional electron systems  
*Hisashi Itoh, A. Takahashi, M. Aihara*
- PO-13 Characterization of CdTe nanoparticles fabricated by pulsed electron-beam deposition technique at different ablation parameters  
*Enrique Jackson, Chase Cox, Roberto S. Aga, Jr., Akira Ueda, Richard Mu, W. E. Collins*
- PO-14 Temperature dependence of photoluminescence properties of CdSe quantum dots  
*Tetsuya Kuwabara, DaeGwi Kim, and Masaaki Nakayama*
- PO-15 Polarization-resolved degenerate four-wave mixing of CdS nanocrystals in a nonresonant region (EP)  
*Seong-Min Ma, J. T. Seo, Q. Yang, L. Creekmore, R. Battle, B. Tabibi, W. Yu*
- PO-16 Influence of the Jahn-Teller effect on the absorption spectra of silicon nanocrystals  
*Michael J Schreiber, D. Pouladsaz, R. Scholz*
- PO-17 Cooperative effect in nonlinear response of nondipole-type excitons confined in multiple nano-layers  
*Hideki Yasuda, Hajime Ishihara*
- PO-18 Exciton luminescence of ZnO fine particles  
*Yugo Danhara, T. Hirai, Y. Harada, N. Ohno*
- PO-19 The fabrication and characterization of ZnO nanowires  
*Tamara-Kay Francis, Akira Ueda, Roberto Aga, Warren E. Collins, Richard R. Mu*
- PO-20 Photoluminescence due to inelastic scattering processes of excitons in a GaN thin film grown by metalorganic vapor phase epitaxy  
*Hiroyasu Tanaka, M. Ando, T. Uemura, M. Nakayama*
- PO-21 Photoluminescence of Mg<sub>x</sub>Zn<sub>1-x</sub>O Films Grown on Sapphire Substrate by MOCVD Technique  
*Chengyou Liu, Y. C. Liu, B.P. Zhang, R. X. Mu*
- PO-22 Optical properties of ZnO homoepitaxial thin films grown by an rf-magnetron sputtering method  
*Shuji Wakaiki, S. Komura, D. Kim, K. Mizoguchi, M. Nakayama*
- PO-23 Excitons in AgI-oxide particle composites  
*Fumito Fujishiro, Shosuke Mochizuki*

- PO-24 Photoluminescence from excitons at the mini-Brillouin-zone boundary in a GaAs/AlAs superlattice  
*Takayuki Hasegawa, Masaaki Nakayama*
- PO-25 Luminescence properties of Tl<sup>+</sup> centers doped in KH<sub>2</sub>PO<sub>4</sub>  
*Kazuhiro Ichimura, T. Fuyuki, T. Kawai, S. Hashimoto, T. Hirai, N. Ohno*
- PO-26 Structural, electrical and optical studies on SrTiO<sub>3</sub> films  
*Kenichiro Ishiwata, Shosuke Mochizuki*
- PO-27 Excitons in pristine silver iodide crystal  
*Shosuke Mochizuki, Fumito Fujishiro*

## Tuesday, June 27, 2006

**8:30 AM**                      **Plenary D**                                      **Pugh**                      *chair: Y. Kayanuma*

8:30 AM    PLD-1    **Temperature-dependent self-trapped exciton relaxation in alkali halides: molecular dynamics study**  
*K. S. Song*

9:15 AM    PLD-2    The role of breathers in the anomalous decay of luminescence  
*Eva Mihokova, L. S. Schulman and K. Polák*

9:35 AM    PLD-3    A new mechanism of defect formation by electronic excitation of oxides (EP)  
*Peter V Sushko, A. V. Kimmel, P. E. Trevisanutto, A. L. Shluger*

**10:40 AM**                      **Plenary E**                                      **Pugh**                      *chair: M. Nakayama*

10:40 AM    PLE-1    **Excitonic state and magnetic effects in CdTe/Cd(Mg,Mn)Te QWRs**  
*Takashi Kita*

11:25 AM    PLE-2    **Photo-induced phase transition in spin-crossover complexes**  
*Koichiro Tanaka*

**1:30 PM**                      **Oral Poster A1**                                      **Olin 101**

1:30 PM    OPA1-1    Theory of Bose-Einstein condensation and superfluidity of two-dimensional polaritons in an in-plane harmonic potential (EP)  
*Oleg L. Berman, Yurii E. Lozovik, David W. Snoke*

1:50 PM    OPA1-2    Simulation of optical near fields generated by a sub-wavelength slit array in a gold film and its electric quadrupole interaction with matter  
*Kazuhiro Deguchi, M. Okuda, A. Iwamae, H. Nakamura, K. Sawada and M. Hasuo*

2:10 PM    OPA1-3    Force control between nanostructures by coupling of spatially separated polaritons  
*Takuya Iida, Hajime Ishihara*

2:30 PM    OPA1-4    Optical manipulation of CuCl nanoparticles under an excitonic condition in superfluid helium (EP)  
*Kazuhiro Inaba, K. Imaizumi, K. Katayama, M. Ichimiya, M. Ashida, T. Iida, H. Ishihara, T. Itoh*

2:50 PM    OPA1-5    Polarization control of excitons in bulk GaN  
*Tetsuro Ishiguro, E. Sasaki, Y. Toda, S. Adachi, K. Hazu, T. Sota, S. F. Chichibu*

3:10 PM    OPA1-6    Cathodoluminescence properties of GaAs/AlGaAs pyramidal cap structures with high spatial resolution (EP)  
*Yuji Sawada, Masayoshi Ichimiya, Masaaki Ashida, Satoshi Shimomura, Satoshi Hiyamizu, Tadashi Itoh*

4:00 PM    OPA1-7    This session will repeat in Olin 107 until 6:00 PM

**1:30 PM**                      **Oral Poster A3**                                      **Olin 103**

1:30 PM    OPA3-1    Photocurrent generated in ZnO film by blends of CdSe nanocrystals and conjugated polymers of varying concentration  
*Roberto S. Aga, Akira Ueda, Richard Mu, Zhengda Pan, W. E. Collins*

1:50 PM    OPA3-2    The influence of waveguide modes on stimulated emission from ZnO nanorods  
*Robert Hauschild, H. Lange, A. Urban, H. Kalt, C. Klingshirn*

- 2:10 PM OPA3-3 Luminescence properties of Eu-doped ZnO nanocrystal/polymer hybrid  
*Masao Ichida, T. Wada, M. Kachi, W. Sakamoto, T. Yogo, H. Ando*
- 2:30 PM OPA3-4 Excitons and optical absorption of interstitial anions in a nano-porous complex oxide  $12\text{CaO} \cdot 7\text{Al}_2\text{O}_3$   
*Peter V. Sushko, D. Munõz Ramo, A. L. Shluger, K. Hayashi, M. Hirano, H. Hosono*
- 2:50 PM OPA3-5 Tailoring optoelectronic properties of ZnO nanostructures  
*Richard Mu, Y. C. Liu, A. Ueda, R. Aga, Z. Pan, S. Morgan, W. E. Collins*
- 3:10 PM OPA3-6 Time-resolved photoluminescence study of ZnO particles from 25- to 70-nm diameter  
*Gang Xiong, K. B. Ucer, Y. Qiu, R. T. Williams*
- 4:00 PM OPA3-7 This session will repeat in Olin 103 until 6:00 PM

### 1:30 PM

### Oral Poster A7

### Olin 107

- 1:30 PM OPA7-1 Luminescence of anthracene molecules in single crystal matrices  
*Tamao Aoki-Matsumoto, C. Furukawa, Y. Hoshika, M. Ichida, K. Mizuno*
- 1:50 PM OPA7-2 Exciton dynamics in molecular aggregates  
*Ramunas Augulis, A. Pugžlys, V. A. Malyshev, C. Didraga, J. Knoester, P. H. M. van Loosdrecht*
- 2:10 PM OPA7-3 Exciton Aharonov-Bohm effect and kinetics in nanostructures  
*Michal Grochol, Frank Grosse, Roland Zimmermann*
- 2:30 PM OPA7-4 Photoinduced phenomena observed as transient reflectance changes in  $\alpha'$ - $\text{NaV}_2\text{O}_5$   
*Tohru Suemoto, Hirokazu Nagase, Makoto Nakajima, Masahiko Isobe, Yutaka Ueda*
- 2:50 PM OPA7-5 Ultrafast time-resolved infrared luminescence spectroscopy in halogen-bridged Pd complexes (EP)  
*Youtarou Takahashi, Hiroshi Kitagawa, Thoru Suemoto*
- 3:10 PM OPA7-6 Photo-selective spin switching in a binuclear iron (II) complex, investigated by X-ray diffraction  
*Elzbieta Trzop, Eric Collet, Marylise Buron, Loic Toupet, Hervé Cailleau, Azzedine Bousseksou, José Antonio Real*
- 4:00 PM OPA7-7 This session will repeat in Olin 101 until 6:00 PM

## Wednesday, June 28, 2006

**8:30 AM**                      **Plenary F**                                      **Pugh**                                      *chair: P. Petelenz*

- 8:30 AM      PLF-1      **Spin injection into GaIn(N)As-based quantum wells and dots**  
*Michael Hetterich, W. Löffler, J. Fallert, T. Passow, S. Li, B. Daniel, J. Lupaca-Schomber, J. Hetterich, D. Litvinov, D. Gerthsen, C. Klingshirn, H. Kalt*
- 9:15 AM      PLF-2      Switching the current through molecular wires with ultra-short pulses  
*Michael J Schreiber, Sven Welack, GuangQi Li, Ulrich Kleinekathöfer*
- 9:40 AM      PLF-3      Exciton diamagnetic shift in realistic quantum wells (EP)  
*Michal Grochol, Frank Grosse, Roland Zimmermann*
- 10:00 AM      PLF-4      Radiative lifetime of geminate and non-geminate pairs in amorphous semiconductors  
*Jai Singh*
- 10:25 AM      PLF-5      Theory for dressed-band of semiconductors in a high-intensity infrared laser field  
*Yosuke Kayanuma, Yoshihiko Mizumoto, Ajit Srivastava, Alan H. Chin, Junichiro Kono*

## Thursday, June 29, 2006

**8:30 AM**                      **Plenary G**                      **Pugh**                      *chair: J. P. Lemaistre*

- 8:30 AM    PLG-1    **Coexistence of free and self-trapped excitons in disordered J-aggregates**  
*Yuri V. Malyukin*
- 9:15 AM    PLG-2    Depression of excitonic energy transfer by freezing molecular vibrations in meta-linked branching dendrimers  
*Ichiro Akai, T. Kato, A. Okada, K. Kanemoto, T. Karasawa, M. Kimura, M. Ohashi, S. Shinoda, H. Tsukube*
- 9:40 AM    PLG-3    Role of self-trapped excitons (STEs) in the scintillation process of cerium doped LaX<sub>3</sub> (X=Cl, Br)  
*Gregory Bizarri, P. Dorenbos*

**10:40 AM**                      **Plenary H**                      **Pugh**                      *chair: J. Singh*

- 10:40 AM    PLH-1    **Adiabatic theory for photoinduced macroscopic structural phase transitions**  
*Kunio Ishida*
- 11:25 AM    PLH-2    FT-IR study of photo-induced phase transition in organic charge-transfer crystal of TTF-CA  
*Chihiro Itoh, Shigeki Fukuda*
- 11:50 AM    PLH-3    Study of terahertz pump-probe spectroscopy in pseudo-one-dimensional halogen-bridged Ni complex (EP)  
*Makoto Nakajima, Takashi Seki, Youtarou Takahashi, Hiroshi Kitagawa, Tohru Suemoto*
- 12:10 PM    PLH-4    Time-resolved four-wave-mixing of UV exciton emissions using a spatial interference technique  
*K. Yamaguchi, Y. Toda, S. Adachi, T. Ishiguro, K. Hoshino, K. Tadatomo*

**2:00 PM**                      **Oral Poster B1**                      **Olin 101**

- 2:00 PM    OPB1-1    Ultrafast degenerate four-wave mixing in CuCl ultrathin films (EP)  
*Masayoshi Ichimiya, M. Ashida, H. Yasuda, H. Ishihara, T. Itoh*
- 2:20 PM    OPB1-2    Quantum confinement effects on electron spin g-factor in semiconductor quantum well structures  
*Tetsu Ito, Shinsuke Morisada, Masao Ichida, Hideki Gotoh, Hidehiko Kamada, Hiroaki Ando*
- 2:40 PM    OPB1-3    High density selective excitation effect on excitons in semimagnetic semiconductor CdMnTe (EP)  
*Koichi Katayama, K. Miyajima, M. Ashida, T. Itoh*
- 3:00 PM    OPB1-4    Ultrashort pulsed emission under two-photon excitation of biexcitons in CuCl quantum dots  
*Kensuke Miyajima, Y. Kagotani, S. Saito, M. Ashida, T. Itoh*
- 3:20 PM    OPB1-5    Ultrafast photoluminescence dynamics of biexcitons in a CuCl thin film  
*Masaaki Nakayama, S. Wakaiki, K. Mizoguchi, D. Kim, H. Ichida, Y. Kanematsu*
- 4:00 PM    OPB1-6    This session will repeat in Olin 107 until 6:00 PM

<b>2:00 PM</b>	<b>Oral Poster B3</b>	<b>Olin 103</b>
2:00 PM	OPB3-1	Mirrorless optical bistability of a thin film of oriented J-aggregates <i>Joost A. Klugkist, V. A. Malyshev, J. Knoester</i>
2:20 PM	OPB3-2	Incoherent transport in disordered 1D systems <i>Andrey V. Malyshev, F. Dominguez-Adame, V. A. Malyshev</i>
2:40 PM	OPB3-3	Inapplicability of the giant oscillator strength model to excitonic molecule in an inorganic-organic layered semiconductor <i>Makoto Shimizu</i>
3:00 PM	OPB3-4	Ultrabroadband THz spectroscopy using rapid scanning method <i>Hiroshi Shimosato, T. Katashima, S. Saito, M. Ashida, T. Itoh and K. Sakai</i>
3:20 PM	OPB3-5	Photo-induced spin-state dynamics near the thermal phase transition temperature in the spin-crossover complex <i>Hiroshi Watanabe, Azzedine Bousseksou, Koichiro Tanaka</i>
4:00 PM	OPB3-6	This session will repeat in Olin 105 until 6:00 PM
<b>2:00 PM</b>	<b>Oral Poster B5</b>	<b>Olin 105</b>
2:00 PM	OPB5-1	Local level statistics for optical and transport properties of disordered systems at finite temperature <i>Andrey V. Malyshev</i>
2:20 PM	OPB5-2	Perylene microcrystallites embedded in polyvinyl alcohol with precipitation method <i>Kenichi Mizuno, Tasuku Matsubara, Tamao Aoki-Matsumoto</i>
2:40 PM	OPB5-3	Formation and surface diffusion of laser-induced oxygen vacancies on TiO <sub>2</sub> (110) surface probed by photoemission electron microscopy <i>Gang Xiong, A. G. Joly, K. M. Beck, W. P. Hess</i>
3:00 PM	OPB5-4	Debye-type dielectric dispersion by photo-excited conductive region in ferroelectric Sr <sub>1-x</sub> CaxTiO <sub>3</sub> (x=0.013) (EP) <i>Yasuhiro Yamada, Koichiro Tanaka</i>
3:20 PM	OPB5-5	Magnetic field influence on excitons in coupled quantum wells and coupled quantum dots and on exciton polaritons in microcavities. <i>Natalia E. Kaputkina, Yu. E. Lozovik</i>
4:00 PM	OPB5-6	This session will repeat in Olin 103 until 6:00 PM
<b>2:00 PM</b>	<b>Oral Poster B7</b>	<b>Olin 107</b>
2:00 PM	OPB7-1	Photoluminescence of boron nitride nano-tubes and nano-arches <i>Baiba Berzina, L. Trinkler, V. Korsak, R. Krutohvorostov, D. L. Carroll, K. B. Ucer, and R. T. Williams</i>
2:20 PM	OPB7-2	The J- and H-bands of organic dye aggregates (EP) <i>Alexander Eisfeld, J. S. Briggs</i>
2:40 PM	OPB7-3	The quest for negative refraction at visible wavelength: metamaterials, photonic crystals and exciton polaritons <i>Jerrold E. Kielbasa, Jiwen Liu, David L. Carroll, Richard T. Williams</i>
3:00 PM	OPB7-4	Femtosecond transient absorption study of excitons and mid-gap states in quasi-one-dimensional MX-chain compounds <i>Yoshiki Wada, Nobuyuki Matsushita, Yoshuke Konno, Hajime Haneda</i>
3:20 PM	OPB7-5	Crossover between homogeneous and inhomogeneous spectral broadenings for excitons in disordered systems <i>Sadakazu Yoshikawa, Masaki Aihara</i>
4:00 PM	OPB7-6	This session will repeat in Olin 101 until 6:00 PM

## Friday, June 30, 2006

<b>8:30 AM</b>	<b>Plenary I</b>	<b>Pugh</b>	<i>chair: J. Knoester</i>
8:30 AM	PLI-1	Microscopic calculation of polariton effects in molecular crystals – application to sexithiophene electroabsorption spectrum <i>Piotr Petelenz, Anna Stradomska</i>	
8:55 AM	PLI-2	Time-resolved fluorescence as a tool to probe the hidden energy structure of the Lifshits tail in disordered 1D nano-structures (EP) <i>Andrey V Malyshev, V. A. Malyshev, J. Knoester</i>	
9:20 AM	PLI-3	Exciton decoherence and thermal line broadening <i>Dirk-Jan Heijs, Victor Malyshev, Jasper Knoester</i>	
9:40 AM	PLI-4	Ab initio modeling of electron-phonon coupling and disorder in high-k dielectrics <i>Jacob L. Gavartin, A. L. Shluger</i>	
10:00 AM	PLI-5	Actively tuned and spatially trapped polaritons (EP) <i>Ryan B. Balili, D. W. Snoke, L. Pfeiffer, K. West</i>	
<b>10:20 AM</b>	<b>EXCON Prize Talks</b>	<b>Pugh</b>	<i>chair: R. Mu</i>
<b>12:00 PM</b>	<b>Closing Session</b>	<b>Pugh</b>	

Note: EP denotes that the abstract is entered in the EXCON Prize Competition.