

SCHEDULE



<http://ii-vi-2011.cinvestav.mx>

15th Intl. Conference on II-VI Compounds Mayan Riviera - Mexico August 21 – 26, 2011							
Hour	Sunday 21	Monday 22	Tuesday 23	Wednesday 24	Thursday 25	Friday 26	
08:00 - 09:00		Registration	Registration	Registration	Registration		
09:00 - 09:15		Opening Session	INVITED05 Zhang	INVITED09 Bellet	INVITED10 Tanaka	INVITED14 Chauveau	
09:15 - 09:30		INVITED01 Katagiri	Tu01-Chai	We01-Dang	Thu01 Shen	Fr01-Kuskovsky	
09:30 - 09:45			Tu02-Fan	We02-Wojnar	Thu02-Klembt	Fr02-Fregnaud	
09:45 - 10:00		INVITED02 Efros	Tu03-André	We03-Bounouar	Thu03-Ivanov	Fr03-Kruse	
10:00 - 10:15			Tu04-DiNezza	We04-Kümmel	Thu04-Sorokin	Fr04- Kłopotowski	
10:15 - 10:30							
10:30 - 11:00		Coffee Break	Coffee Break		Coffee Break	Closing Session	
11:00 - 11:15		INVITED03 Piot	INVITED06 Brill	Excursion	INVITED11 Fujita		
11:15 - 11:30		Mo01-Shen	Tu05-Doyle		Thu05-Furubayashi		
11:30 - 11:45		Mo02-Toropov	Tu06-Yasuda		Thu06-Krajewski		
11:45 - 12:00		Mo03-Stölzel	Tu07-Itsuno		INVITED12 Bakin		
12:00 - 12:15		Mo04-Seyfried	Tu08-Bhat		Thu07-Shubina		
12:15 - 12:30		Mo05- Davidson	INVITED07 Richard		Thu08- Lee		
12:30 - 12:45		Mo06- Hernández					
12:45 - 13:00							
13.00 - 17:00	Registration 15:00-17:00	Lunch and Beach	Lunch and Beach			Lunch and Beach	
17:00 - 17:15	Review Lectures Myers Wolverson Cibert	INVITED04 Gould	INVITED08 Kossacki		INVITED13 Kang		
17:15 - 17:30			Mo07- Debus	Thu09-Achstein			
17:30 - 17:45			Mo08- Fainblat	Tu09-Pacuski	Thu10-Zhang		
17:45 - 18:00			Mo09-Schwan	Tu10-Ivanov	Thu11-Debus		
18:00 - 18:15			Mo10- Gul				
18:15 - 18:30							
18:30 - 18:45							
18:45 - 19:00							
19:00 - 19:15			Welcome Cocktail	Poster Session, Snacks and Beer	Poster Session, Snacks and Beer		
19:15 - 19:30							
19:30 - 19:45							
19:45 - 20:00							
20:00 - 20:15							
20:15 - 20:30							
20:30 - 21:00							
21:00		Social and cultural events			Conference Banquet		

Site of the Conference: **Ocean Coral and Turquesa Hotel**
Puerto Morelos - Mayan Riviera – Mexico

The oral presentations will take place in the **Coral Theater**. Posters will be exhibited in the **Mayan Riviera Room**

Program Summary

II-VI 2011		II-VI 2011		II-VI 2011	
		15th Intl. Conference on II-VI Compounds			
Mayan Riviera - Mexico August 21 - 26, 2011					
Presentation	Presenter	Title/ Authors	Notes		
Sun-RL01 Sunday 17:00-17:40	Tom Myers <i>Texas State University USA</i>	Properties and applications of HgCdTe <i>Thomas H. Myers</i>	Review Lecture		
Sun-RL02 Sunday 17:40-18:20	Daniel Wolverson <i>University of Bath UK</i>	Magneto-optical properties of II-VI semiconductors <i>Daniel Wolverson</i>	Review Lecture		
Sun-RL03 Sunday 18:20-19:00	Joel Cibert <i>Institut Néel -CNRS- Univ. Joseph Fourier France</i>	History and development of II-VI magnetic semiconductor heterostructures <i>Joel Cibert, Lucien Besombes, David Ferrand and Henri Mariette</i>	Review Lecture		
Mon-Inv01 Monday 09:30-10:00	Hironori Katagiri <i>Nagaoka National College of Technology Japan</i>	Thin film CZTS solar cells: Research for sustainable PV expansion <i>H. Katagiri</i>	Invited		
Mon-Inv02 Monday 10:00-10:30	Alexander L. Efros <i>Naval Research Laboratory USA</i>	Suppression of blinking in semiconductor nanocrystals <i>Alexander L. Efros</i>	Invited		
Mon-Inv03 Monday 11:00-11:30	Benjamin A. Piot <i>Grenoble High Magnetic Field Laboratory France</i>	T High quality 2D electron gas in CdTe quantum well for the physics of quantum Hall effect <i>B.A. Piot, J. Kunc, K. Kowalik, F.J. Teran, P. Plochocka, D.K. Maude, M. Potemski, C. Bethausen, A. Vogl, D. Weiss, G. Karczewski, T. Wojtowicz</i>	Invited		
Mo-01 Monday 11:30-11:45	Aidong Shen <i>The City College of New York USA</i>	Growth and properties of CdSe/MgSe multiple quantum wells <i>A. Shen and M.C. Tamargo</i>			
Mo-02 Monday 11:45-12:00	Alexey Toropov <i>Ioffe Physical Technical Institute of Russian Academy of Sciences Russia</i>	Excitonic spectrum of ZnO/ZnMgO quantum wells <i>A. A. Toropov, M. A. Bobrov, T. V. Shubina, S. V. Ivanov, A. El-Shaer, A. Bakin, A. Waag, G. Pozina, J. P. Bergman and B. Monemar</i>			
Mo-03 Monday 12:00-12:15	Marko Stölzel <i>Universität Leipzig Germany</i>	Luminescence redshift of polar (Mg,Zn)O/ZnO quantum wells: Separating the role of Stokes shift and quantum-confined Stark effect <i>M. Stölzel, M. Brandt, A. Müller, G. Benndorf, M. Lorenz, and M. Grundmann</i>			
Mo-04 Monday 12:15-12:30	Moritz Seyfried <i>University of Bremen Germany</i>	Weak and strong coupling in ZnSe-based monolithic microcavities <i>M. Seyfried, A. Trichet, M. Richard, Le Si Dang, S. Klemmt, C. Kruse, D. Hommel and K. Sebald</i>			
Mo-05 Monday 12:30-12:45	Richard T. Moug <i>The City College of New York USA</i>	MBE Growth and design of II-VI heterostructures for epitaxial lift-off <i>I.A. Davidson, R.T. Moug, E. C. Vallance, M. C. Tamargo and K.A. Prior</i>			
Mo-06 Monday 12:45-13:00	Isaac Hernández-Calderón <i>Physics Department – Cinvestav Mexico</i>	Exciton confinement in ultra-thin CdSe quantum wells <i>I. Hernández-Calderón, J. A. Lorenzo-Andrade, A. Alfaro-Martínez</i>			
Mon-Inv04 Monday	Charles Gould <i>University of Würzburg</i>	Magnetic resonant tunneling devices (RTDs): from spin-valves to single electron transistors	Invited		

17:00-17:30	Germany	<i>C. Gould, M. R�uth, R.G. Dengel, D.L. Supp, A. Slobodskyy, T. Slobodskyy, A. Frey, G. Schmidt, K. Brunner, L.W. Molenkamp.</i>	
Mo-07 Monday 17:30-17:45	J�rg Debus TU Dortmund University Germany	Dynamical control of Mn spin system cooling by photogenerated carriers in a (Zn,Mn)Se/BeTe heterostructure <i>J. Debus, A. A. Maksimov, D. Dunker, D. R. Yakovlev, I. I. Tartakovskii, A. Waag, M. Bayer</i>	
Mo-08 Monday 17:45-18:00	Rachel Fainblat University Duisburg-Essen Germany	Time-resolved and magneto-optical spectroscopy on Mn²⁺-doped CdSe nanoribbons <i>R. Fainblat, J. Frohleiks, J. H. Yu, T. Hyeon, G. Bacher</i>	
Mo-09 Monday 18:00-18:15	Alexander Schwan TU Dortmund University Germany	Long-lived electron and hole spin coherence in ZnSe-based quantum wells <i>E.A. Zhukov, A. Schwan, D.R. Yakovlev, M.Glazov, A.Waag, M. Bayer</i>	
Mo-10 Monday 18:15-18:30	Rubi Gul Brookhaven National Laboratory USA	DLTS measurements of point defects in Cd_{1-x}Zn_xTe, Cd_{1-x}Mn_xTe and Cd_{1-x}Mg_xTe gamma-ray detectors <i>R. Gul, A. E. Bolotnikov, K. Kim, G. S. Camarda, Y. Cui, A. Hossain, G. Yang, J. Franc and R. B. James</i>	
Tue-Inv05 Tuesday 09:00-09:30	Yong-Hang Zhang Arizona State University USA	6.1 � II-VI and III-V materials: A platform for photovoltaic and IR device applications <i>Y.H. Zhang</i>	Invited
Tu-01 Tuesday 09:30-09:45	Jessica Chai Texas State University USA	Growth of lattice-matched CdSeTe and ZnTeSe alloys on (100) and (211)B GaSb <i>J. Chai, K.-K. Lee, K. Doyle, W. Priyantha, J.H. Dinan, T.H. Myers</i>	
Tu-02 Tuesday 09:45-10:00	Jin Fan Arizona State University USA	ZnTe/GaSb/ZnTe double-heterostructure for optoelectronic devices <i>J. Fan, B. C. Green, X. Liu, D. Ding, J. K. Furdyna and Y.H. Zhang</i>	
Tu-03 Tuesday 10:00-10:15	Lionel G�rard Institut N�el, CNRS France	II-VI nanostructures, with type-II band alignment, for photovoltaics <i>R. Andr�, E. Bellet-Amalric, L. Besombes, J. Bleuse, C. Bougerol, M. Den Hertog, L. G�rard, H. Mariette and R. Najjar</i>	
Tu-04 Tuesday 10:15-10:30	M. J. DiNezza Arizona State University USA	Aluminum diffusion in ZnTe films grown on GaSb substrates for n-type doping <i>M. J. DiNezza, X. Liu, Q. Zhang, D. Ding, J. Fan, J. K. Furdyna, Y.-H. Zhang</i>	
Tue-Inv06 Tuesday 11:00-11:30	Gregory Brill U.S. Army Research Laboratory USA	Hg-based II-VI compounds on non-standard substrates <i>G. Brill, Y. Chen, P. Wijewarnasuriya, and N. Dhar</i>	Invited
Tu-05 Tuesday 11:30-11:45	Kevin Doyle Texas State University USA	Optical and electrical properties of mercury cadmium selenide <i>K. Doyle, G. Brill, J. Chai, K. Lee, J. Dinan, T. Myers</i>	
Tu-06 Tuesday 11:45-12:00	Kazuhito Yasuda Nagoya Institute of Technology Japan	Fabrication of radiation imaging detector arrays using MOVPE grown thick single crystal CdTe layers on Si substrate <i>K. Yasuda, M. Niraula, T. Tachi, N. Fujimura, H. Inuzuka, T. Kondo, S. Namba, S. Muramatsu, and Y. Agata</i>	
Tu-07 Tuesday 12:00-12:15	Anne M. Itsuno University of Michigan USA	Experimental progress on HgCdTe LWIR unipolar nBn device <i>A.M. Itsuno, J.D. Phillips, S. Velicu</i>	
Tu-08 Tuesday 12:15-12:30	Ishwara Bhat Rensselaer Polytechnic Institute USA	Metalorganic vapor phase epitaxial growth of (211)B CdTe on nanopatterned (211)Si <i>Shashidhar Shintri, Sunil Rao, Charles D. Schaper, Wendy L. Sarney, Sudhir Trivedi, Priyalal Wijewarnasuriya and Ishwara Bhat</i>	
Tue-Inv07 Tuesday	Maxime Richard Institut N�el, CNRS University	Physics of 1-dimensional exciton-polaritons in ZnO microwires	Invited

12:30-13:00	<i>J. Fourier</i> France	<i>A. Trichet, F. Médard, G. Pavlovic, N. Gippius, G. Malpuech,</i> Invited <i>Z. Chen, M. Richard, Le Si Dang</i>	
Tue-Inv08 Tuesday 17:00-17:45	Piotr Kossacki <i>University of Warsaw</i> Poland	Single dot spectroscopy of CdTe based self organized system <i>Piotr Kossacki</i>	Invited Special session devoted to Jan Gaj
Tu-09 Tuesday 17:45-18:00	Wojciech Pacuski <i>University of Warsaw</i> Poland	Magneto-optical study of excitons in (Zn,Mn)O <i>W. Pacuski, J. Suffczyński, P. Osewski, P. Kossacki, A. Golnik, C. Deparis, C. Morhain, E. Chikoidze, Y. Dumont, D. Ferrand, J. Cibert and T. Diel</i>	
Tu-10 Tuesday 18:00-18:15	Sergey Ivanov <i>Ioffe Physical Technical Institute</i> Russia	Heterovalent AlSb/InAs/(Zn,Mn)Te quantum wells with two-dimensional electron channel: MBE growth and spin polarized photocurrents <i>S.V. Ivanov, G.V. Klimko, V.V. Bel'kov, Ya.V. Terentyev, I.V. Sedova, A.N. Semenov, V.A. Solov'ev, C. Drexler, P. Olbrich, C. Zoth, V. Lechner and S.D. Ganichev</i>	
Wed-Inv09 Wednesday 09:00-09:30	Edith Bellet-Amalric <i>CEA-CNRS</i> France	II-VI Nanowires as optical emitters <i>E. Bellet-Amalric, M. Elouneq-Jamroz, S. Bounouar, M. Den Hertog, C. Bougerol, R. André, Y. Genuist, J.P. Poizat, K. Kheng, and S. Tatarenko</i>	Invited
We-01 Wednesday 09:30-09:45	Le Si Dang <i>CNRS-Université Joseph Fourier,</i> France	Carrier depletion and exciton diffusion in single ZnO nanowires <i>J-S Hwang, F. Donatini, J. Pernot, Le Si Dang, R. Thierry and P. Ferret</i>	
We-02 Wednesday 09:45-10:00	Piotr Wojnar <i>Polish Academy of Sciences</i> Poland	Near band edge emission of Te-based nanowire heterostructures <i>P. Wojnar, E. Janik, S. Kret, E. Dynowska, L.T. Baczewski, G. Karczewski, T. Wojtowicz</i>	
We-03 Wednesday 10:00-10:15	Samir Bounouar <i>Institut Néel – CNRS – UJF</i> France	Room temperature single photon source <i>S. Bounouar, M. Elouneq-Jamroz, C. Morchutt, E. Bellet-Amalric, M. den Hertog, R. André, K. Kheng, S. Tatarenko and J.P. Poizat</i>	
We-04 Wednesday 10:15-10:30	Tilmar Kümmell <i>Universität Duisburg-Essen</i> Germany	Room temperature single photon emission from a self-organized quantum dot <i>T. Kümmell, O. Fedorych, C. Kruse, D. Hommel, G. Bacher</i>	
Thu-Inv10 Thursday 09:00-09:30	Shigehisa Tanaka <i>Hitachi Ltd., Central Research Lab.</i> Japan	Room-temperature CW operation of BeZnCdSe green laser diode <i>S. Tanaka, S. Fujisaki, J. Kasai, R. Akimoto, T. Hasama, S. Tsuji, H. Ishikawa</i>	Invited
Thu-01 Thursday 09:30-09:45	Xue Chu Shen <i>Fudan University</i> China	Room temperature degenerate four wave mixing driven by a one-dimensional ZnO polariton laser <i>W. Xie, X. C. Shen, and Z. H. Chen</i>	
Thu-02 Thursday 09:45-10:00	Sebastian Klemmt <i>University of Bremen</i> Germany	Blue monolithic vertical-cavity surface emitter lasing at 444 nm <i>S. Klemmt, C. Kruse, M. Seyfried, K. Sebald, J. Gutowski and D. Hommel</i>	
Thu-04 Thursday 10:00-10:15	Sergey V. Ivanov <i>Ioffe Physical Technical Institute</i> Russia	Structural and optical optimization of ZnSe-based laser heterostructures with graded index waveguide <i>S.V. Gronin, I.V. Sedova, S.V. Sorokin, G.V. Klimko, K.G. Belyaev, A.V. Lebedev, A.A. Sitnikova, A.A. Toropov, and S.V. Ivanov</i>	
Thu-04 Thursday 10:15-10:30	Sergey Sorokin <i>Ioffe Physical Technical Institute of RAS</i> Russia	Violet-green injection laser converters with pulse output power above 150 mW <i>S.V. Sorokin, I.V. Sedova, S.V. Gronin, G.V. Klimko, S.V. Ivanov, E.V. Lutsenko, A.G. Vainilovich, G.P. Yablonskii</i>	
Thu-Inv11 Thursday 11:00-11:30	Shizuo Fujita <i>Kyoto University</i> Japan	Growth, characterization, and device applications of various oxide semiconductors <i>S. Fujita, K. Kaneko, T. Oshima, H. Ito, T. Ikenoue, and T. Igawa</i>	Invited

Thu-05 Thursday 11:30-11:45	Yutaka Furubayashi <i>Shimane University</i> Japan	Controllability of Mg substitution for ZnMgO films by using MOCVD under moderate conditions <i>Y. Furubayashi, Y. Deguchi, N. Nishimoto and Y. Fujita</i>	
Thu-06 Thursday 11:45-12:00	Tomasz A. Krajewski <i>Polish Academy of Sciences</i> Poland	Origin of the n-type conductivity in low temperature ZnO thin films <i>T. A. Krajewski, G. Luka, K. Dybko, L. Wachnicki, B. S. Witkowski, P. Nowakowski, A. Suchocki, R. Jakiela, E. Lusakowska, M. Godlewski, E. Guziewicz</i>	
Thu-Inv12 Thursday 12:00-12:30	Andrey Bakin <i>IST - TU Braunschweig</i> Germany	Oxide semiconductors for photovoltaic applications <i>A. Bakin, A. Wagner, A. Behrends, A. Waag</i>	Invited
Thu-07 Thursday 12:30-12:45	Tatiana Shubina <i>Ioffe Institute RAS</i> Russia	Distortion of slow light pulses by excitons in ZnO <i>T. V. Shubina, A. A. Toropov, M. M. Glazov, N. A. Gippius, P. Disseix, J. Leymarie, D. Lagarde, G. Pozina, J. P. Bergman, and B. Monemar</i>	
Thu-08 Thursday 12:45-13:00	Kyoung-Keun Lee <i>Texas State University</i> USA	Xray photoelectron spectroscopy study of oxide removal using atomic hydrogen for large-area II-VI material growth <i>K. Lee, K. Doyle, J. Chai, P. Weerasinghe, J. Dinan, T. Myers</i>	
Thu-Inv13 Thursday 17:00-17:30	Tae Won Kang <i>Dongguk University</i> South Korea	Physics and application of nanorods of II-VI compound semiconductors <i>T. W. Kang, S. J. Lee, H. C. Jeon</i>	Invited
Thu-09 Thursday 17:30-17:45	Alexander A. Achstein <i>Technical University of Berlin</i> Germany	Optical properties of colloidal CdSe nanoplatelets <i>A. W. Achtstein, A. Schliwa, M. Artemyev, U. Woggon</i>	Late News Session
Thu-10 Thursday 17:45-18:00	Yong Zhang <i>Univ. Of North Carolina at Charlotte</i> USA	Time-resolved photoluminescence study of interfacial transitions in ZnO/ZnSe type II core/shell nanowires <i>Y. Zhang, J. Bleuse, H. Mariette, Z. Wu, J. Zheng, X. Lin, H. Zhan, S. Li, J. Kang</i>	Late News Session
Thu-11 Thursday 18:00-18:15	Joerg Debus <i>Dortmund University</i> Germany	Variety of exchange interactions providing spin-flip Raman scattering in CdTe/(Cd,Mg)Te quantum wells <i>J. Debus, D. Dunker, V. F. Sapega, D. R. Yakovlev, G. Karczewski, T. Wojtowicz, M. Bayer</i>	Late News Session
Fri-Inv14 Friday 09:00-09:30	Jean Michel Chauveau <i>CRHEA-CNRES</i> France	Homoepitaxial growth and properties of non polar (Zn,Mg)O/ZnO quantum wells <i>J.-M. Chauveau, M. Teisseire, C. Morhain, H. Chauveau, C. Deparis, B. Vinter</i>	Invited
Fr-01 Friday 09:30-09:45	Igor Kuskovsky <i>City College of CUNY</i> USA	The role of Mg in controlling the hole confinement energy in ZnTe/ZnSe based quantum dot structure grown by migration enhanced epitaxy <i>U. Manna, Q. Zhang, M. C. Tamargo, I. C. Noyan, I. F. Salakhutdinov, G. F. Neumark, I. L. Kuskovsky</i>	
Fr-02 Friday 09:45-10:00	Mathieu Fregnaud <i>Université Paul Verlaine Metz</i> France	Size and quality control of fast grown CdS quantum dots <i>M. Fregnaud, S. Dalmaso, J.-J. Gaumet, J.-P. Laurenti</i>	
Fr-03 Friday 10:00-10:15	Carsten Kruse <i>University of Bremen</i> Germany	ZnTe-based micropillars containing CdTe quantum dots <i>C. Kruse, W. Pacuski, T. Jakubczyk, M. Florian, K. Frank, T. Kazimierzczuk, A. Golnik, J.A. Gaj, F. Jahnke, A. Rosenauer, and D. Hommel</i>	
Fr-04 Friday 10:15-10:30	Łukasz Kłopotowski <i>Polish Academy of Sciences</i> Poland	Charge control and storage in self-assembled CdTe quantum dots <i>Ł. Kłopotowski, M. Goryca, V. Voliotis, K. Fronc, P. Wojnar, P. Kossacki, R. Grousson, G. Karczewski, T. Wojtowicz</i>	
POSTER SESSION TUESDAY			
Tu-P01 Tuesday 18:30-20:30	Alexei Toropov <i>Ioffe Institute RAS</i> Russia	Spin injection in heterovalent structure with coupled quantum wells GaAs/AlGaAs/ZnMnSe/ZnSe <i>V. Kh. Kaibyshev, A. A. Toropov, F. Liaci, Ya. V. Terent'ev, M. S. Mukhin, G. V. Klimko, S. V. Gronin, I.V. Sedova, S.V.</i>	

		<i>Sorokin and S.V. Ivanov</i>	
Tu-P02 Tuesday 18:30-20:30	Takami Abe <i>Iwate University</i> Japan	Epitaxial growth of high-quality Mg_xZn_{1-x}O films by a plasma-assisted reactive evaporation method using ZnMg alloys as a source material <i>T. Abe, A. Nakagawa, M. Tanaka, M. Nakagawa, H. Endo, K. Meguro, Y. Kashiwaba, S. Chiba, T. Ojima, K. Aota, S. Takahashi, M. Daibo, H. Osada, T. Fujiwara, I. Niikura and Y. Kashiwaba</i>	
Tu-P03 Tuesday 18:30-20:30	Richard Moug <i>City College New York</i> USA	Selective etching of InGaAs/InP substrates from II-VI multilayered structures <i>R. Moug, L. Peng, T. Garcia, H. Sultana, A. Shen and M. Tamargo</i>	
Tu-P04 Tuesday 18:30-20:30	Katsuhiko Saito <i>Saga University</i> Japan	Influence of dopant transport rate upon photoluminescence and electrical properties of phosphorus-doped ZnMgTe layers grown by MOVPE <i>K. Saito, T. Saeki, T. Tanaka, Q.X. Guo, M. Nishio</i>	
Tu-P05 Tuesday 18:30-20:30	Sergey Sorokin <i>Ioffe Physical Technical Institute</i> Russia	Laser characteristics of heterostructures with multiple CdSe QD sheet active region and asymmetric graded index superlattice waveguide <i>E. V. Lutsenko, I. V. Sedova, A. G. Vainilovich, N. P. Tarasuk, G. P. Yablonskii, S. V. Sorokin, S. V. Gronin, P. S. Kop'ev, S. V. Ivanov</i>	
Tu-P06 Tuesday 18:30-20:30	Wolfram Heimbrodt <i>University of Marburg</i> Germany	Colloidal CdSe/ZnS quantum dots for bionanosensing applications <i>S. Friede, T. Niebling, Z. Ali, F. Amin, F. Zhang, W.J. Parak, and W. Heimbrodt</i>	
Tu-P07 Tuesday 18:30-20:30	Lyudmiyla Borkovska <i>NAS of Ukraine</i> Ukraine	Modification by thermal annealing of the luminescent characteristics of CdSe quantum dots in gelatin films <i>L. V. Borkovska, N. O. Korsunska, T. R. Stara, V. M. Dzhagan, T. G. Kryshchab, O.L. Stroyuk, O. Ye. Raevska</i>	
Tu-P08 Tuesday 18:30-20:30	Mohammad Sohel <i>CUNY Hostos College</i> USA	X-Ray photoelectron spectroscopy of white light emitting magic sized CdSe nanocrystals <i>M. Sohel, M. C. Tamargo, L. Peng, S. J. Rosenthal</i>	
Tu-P09 Tuesday 18:30-20:30	Patricia Rodríguez <i>Cinvestav</i> Mexico	Effect on the optical properties of CdS nanoparticles synthesized with different capping agents <i>P. Rodriguez-Fragoso, Y. E. Bravo-Garcia, G. Gonzalez de la Cruz, J. Mendoza-Alvarez, J. Santoyo-Salazar and O. Zelaya-Angel</i>	
Tu-P10 Tuesday 18:30-20:30	H. P. Hsu <i>National Taiwan University of Science and Technology</i> Taiwan	Raman scattering characterization of Zn_{1-x-y}BexMgySe crystalline alloys <i>D. Dumcenco, S. Levenco, Y. S. Huang, H. P. Hsu, F. Firszt, K. K. Tiong</i>	
Tu-P11 Tuesday 18:30-20:30	Ying Sheng Huang <i>National Taiwan University of Science and Technology</i> Taiwan	Optical characterization of Zn_{0.35}Cd_{0.44}Mg_{0.21}Se crystalline alloy by polarization-dependent contactless electroreflectance measurements <i>D. Dumcenco, S. Levenco, Y. S. Huang, H. P. Hsu, F. Firszt, K. K. Tiong</i>	
Tu-P12 Tuesday 18:30-20:30	Gerado Villa-Martínez <i>Physics Department - Cinvestav</i> Mexico	Estimation of the density of electrical carriers of n-ZnSe by photorefectance spectroscopy <i>G. Villa-Martínez, F. Sutara, I. Hernández-Calderón</i>	
Tu-P13 Tuesday 18:30-20:30	Yusuke Inagaki <i>Tottori University</i> Japan	New ultraviolet avalanche photodiodes (APDs) of organic (PEDOT:PSS) – inorganic (ZnSSe) hybrid structure <i>Y. Inagaki, M. Ebisu, M. Ohtsuki, N. Ayuni, T. Shimizu, T. Abe, H. Kasada, and K. Ando</i>	
Tu-P14 Tuesday 18:30-20:30	Alexander A. Achstein <i>Technical University of Berlin</i> Germany	Geometry dependence of two photon absorption in CdS dots and rods <i>A.W. Achtstein, J. Hennig, M. Artemyev, U. Woggon</i>	
Tu-P15 Tuesday	Hervé Boukari <i>Institut Néel, CNRS &</i>	Emission of exciton and emission of exciton and biexciton dressed states in a CdTe quantum dot <i>A. Brunetti, C. Le Gall, H. Boukari and L. Besombes</i>	

18:30-20:30	<i>Université Joseph Fourier France</i>		
Tu-P16 Tuesday 18:30-20:30	Wolfram Heimbrodt <i>University of Marburg Germany</i>	Band bowing in Zn_{Sex}Te_{1-x} and ZnS_xTe_{1-x} alloys <i>T. Bertram, C. Karcher, H. Klaer, S. Klembt, C. Kruse, D. Hommel and W. Heimbrodt</i>	
Tu-P17 Tuesday 18:30-20:30	Vladimir Litvinov <i>Ryazan State Radioengineering University Russia</i>	A local study of the energy spectrum of electrons in CdSe/ZnSe QD structures by current DLTS and AFM <i>V.G. Litvinov, V.I. Kozlovsky, Yu.G. Sadofyev, N.B. Rybin</i>	
Tu-P18 Tuesday 18:30-20:30	Wojciech Pacuski <i>University of Warsaw Poland</i>	Three-dimensional anisotropy studies of CdTe quantum dots <i>J. Kobak, W. Pacuski, T. Kazimierczuk, J. Suffczyński, T. Jakubczyk, A. Golnik, P. Kossacki, M. Nawrocki, J.A. Gaj, C. Kruse, D. Hommel</i>	
Tu-P19 Tuesday 18:30-20:30	Muranaka Tsutomu <i>University of Yamanashi Japan</i>	Exciton transfer between ZnCdMnSe and ZnCdSe quantum wells <i>M. Hishikawa, S. Fukasawa, F. Iwasaki, K. Omori, K. Kodama, T. Muranaka, Y. Nabetani, T. Matsumoto</i>	
Tu-P20 Tuesday 18:30-20:30	Ivan-Christophe Robin <i>CEA LETI MINATEC France</i>	Photoluminescence studies of CdS layers for solar cells <i>F. Gemain, I. C. Robin, S. Renet, S. Bernardi</i>	
Tu-P21 Tuesday 18:30-20:30	David Valverde-Chávez <i>Physics Department - Cinvestav Mexico</i>	Spectral photoresponse of ZnSe/GaAs heterostructures with ultra-thin CdSe quantum well insertions <i>D. A. Valverde-Chávez, I. Hernández-Calderón</i>	
Tu-P22 Tuesday 18:30-20:30	Kunio Ichino <i>Tottori University Japan</i>	Lattice relaxation of ZnS grown on GaP investigated by high-resolution X-Ray diffraction and transmission electron microscopy <i>K. Ichino, A. Nishigaki, and A. Yamauchi</i>	
Tu-P23 Tuesday 18:30-20:30	Tetyana KryshTAB <i>IPN Mexico</i>	Infrared radiation detection by a piezoelectric heterostructure at room temperature <i>T. KryshTAB, V. Deriglazov, R. Savkina, F. Sizov, A. Smirnov, M. Kladkevich, V. Samojlov</i>	
Tu-P24 Tuesday 18:30-20:30	Seung Joo Lee <i>Quantum-functional Semiconductor Research Center Korea</i>	Study of the origin of weak ferromagnetism in Zn_{1-x}CoxO <i>Sh. U. Yuldashev, H. C. Jeon, Y. H. Kwon, S. J. Lee, T. W. Kang, and Kh. T. Igamberdiev</i>	
Tu-P25 Tuesday 18:30-20:30	K. Sato <i>Tottori University Japan</i>	Stark effects of ZnO thin films and ZnO/ZnMgO quantum wells <i>K. Sato, T. Abe, R. Fujinuma, K. Yasuda, T. Yamaguchi, H. Kasada, and K. Ando</i>	
Tu-P26 Tuesday 18:30-20:30	Anna Baranowska-Korczync <i>Institute of Physics PAS Poland</i>	Field effect transistors based on ZnO and core/shell ZnO/ZnS nanofibers <i>A. Baranowska-Korczync, K. Fronc, B. Sikora, I. Kamińska, A. Reszka, K. Sobczak, Ł. Kłopotowski, K. Dybko, W. Paszkowicz, P. Dłużewski, B.J. Kowalski, D. Elbaum</i>	
Tu-P27 Tuesday 18:30-20:30	Enrique Josué Chan y Díaz <i>CIMAV Mexico</i>	Transparent conducting Al-doped ZnO thin films grown by Nd:YAG Pulsed-Laser Deposition <i>E. Chan y Díaz, J. Arjona-Vázquez, A. Duarte-Moller, R. Castro-Rodríguez</i>	
Tu-P28 Tuesday 18:30-20:30	Branka Hadžić <i>Inst. of Physics, Belgrade University Serbia</i>	Raman scattering from ZnO doped with CoO nanoparticles <i>B. Hadžić, N. Romčević, M. Romčević, I. Kuryliszyn-Kudelska, W. Dobrowolski, U. Narkiewicz and D. Sibera</i>	
Tu-P29 Tuesday 18:30-20:30	Toshiki Kawase <i>Osaka City University Japan</i>	Active-layer-thickness dependence of Rabi splitting energies in ZnO microcavities <i>T. Kawase, D. Kim, M. Nakayama</i>	
Tu-P30 Tuesday	V. I. Kushnirenko <i>NAS of Ukraine</i>	Luminescent properties of Ag-, Ga-doped ZnO and ZnO-ZnS thin films	

18:30-20:30	<i>Ukraine</i>	<i>V.I. Kushnirenko, V.S. Khomchenko, L.V. Zavyalova, L.V. Borkovska</i>	
Tu-P31 Tuesday 18:30-20:30	Yoichi Nabetani <i>University of Yamanashi Japan</i>	MOVPE growth of ZnO using Zn-MOPD and Zn-TD as Zn source <i>Y. Nabetani, T. Kobayashi, M. Kato, T. Muranaka, T. Kato, and T. Matsumoto</i>	
Tu-P32 Tuesday 18:30-20:30	Aidong Shen <i>City College New York USA</i>	Plasma-assisted MBE growth of ZnO on GaAs substrate with a ZnSe buffer layer <i>Kuaile Zhao, M.C. Tamargo and A. Shen</i>	
Tu-P33 Tuesday 18:30-20:30	Stephen Babalola <i>Alabama A&M University USA</i>	Study of metal contact properties of CdZnTe-based nuclear detector by the interfacial layer-thermionic-diffusion (ITD) model <i>Stephen Babalola, Aleksey Bolotnikov, Giuseppe Camarda, Godwin Iboyitie, Trent Montgomery</i>	
POSTER SESSION THURSDAY			
Thu-P01 Thursday 18:30-20:30	Ishwara Bhat <i>Rensselaer Polytechnic Institute USA</i>	Blanket and patterned growth of CdTe on (211) Si substrates by metalorganic vapor phase epitaxy <i>S. R. Rao, S. S. Shintri, J. K. Markunas, R. N. Jacobs and I. B. Bhat</i>	
Thu-P02 Thursday 18:30-20:30	Tsutomu Muranaka <i>University of Yamanashi Japan</i>	Fabrication and characterization of size-controlled ZnSe nanostructures grown by selective MBE on mesa-patterned GaAs(001) substrates <i>T. Muranaka, S. Iizuka, K. Sugimoto, S. Hada, Y. Nabetani, T. Matsumoto</i>	
Thu-P03 Thursday 18:30-20:30	Katsuhiko Saito <i>Saga University Japan</i>	Influence of source transport rate upon phosphorus doping in ZnTe layer grown by MOVPE <i>M. Nishio, X. Han, K. Saito, T. Tanaka, Q.X. Guo</i>	
Thu-P04 Thursday 18:30-20:30	Qiang Zhang <i>Arizona State University USA</i>	Influence of Te/Zn flux ratio on doping in ZnTe grown by MBE on GaSb substrates <i>Q. Zhang, X. Liu, M. J. DiNezza, W. H. Dettlaff, J. Fan, D. Ding, K. Furdyna, Y.-H. Zhang</i>	
Thu-P05 Thursday 18:30-20:30	Frantisek Sutara <i>Physics Department - Cinvestav Mexico</i>	Influence of the composition profile in the excitonic emission of thin graded ZnCdSe quantum wells <i>F. Sutara, I. Hernández-Calderón</i>	
Thu-P07 Thursday 18:30-20:30	Alexey Shakhmin <i>Ioffe Physical Technical Institute Russia</i>	Cathodoluminescence of ZnSe-based II-VI green laser heterostructures <i>A.A. Shakhmin, I.V. Sedova, S.V. Sorokin, M.V. Zamoryanskaya</i>	
Thu-P08 Thursday 18:30-20:30	Koshi Ando <i>Tottori University Japan</i>	Degradation mechanism and Current-Pulse-Width control in II-VI and III-N compound blue-UV - white LEDs <i>Y. Harada, K. Ando, S. Nakagawa, H. Sakamoto, S. Saiful, T. Kaga, T. Abe, and H. Kasada</i>	
Thu-P09 Thursday 18:30-20:30	Gerado González de la Cruz <i>Cinvestav Mexico</i>	Synthesis of CdSe nanoparticles immersed in an organic matrix of amylopectin by means of r.f. sputtering <i>E. Campos-González, P. Rodríguez-Fragoso, G. Gonzalez de la Cruz, J. Santoyo-Salazar, O. Zelaya-Angel</i>	
Thu-P10 Thursday 18:30-20:30	Augustinas Galeckas <i>University of Oslo Norway</i>	Time-resolved spectroscopy of carrier dynamics in graded ZnCd_xO multilayer structures <i>M. Trunk, V. Venkatachalapathy, T.C. Zhang, A. Azarov, A. Galeckas, A. Kuznetsov</i>	
Thu-P11 Thursday 18:30-20:30	Robert Gerten <i>Universitaet des Saarlandes Germany</i>	Profiling unusual diffusion by scanning photoluminescence <i>R. Gerten, F. Strauß, H. Wolf, M. Deicher, Th. Wichert</i>	
Thu-P12 Thursday 18:30-20:30	Yoichi Nabetani <i>University of Yamanashi Japan</i>	Structural and optical characters of ZnTeO alloys grown by MBE <i>Y. Nabetani, K. Hiramatsu, N. Saegusa, T. Suzuki, D. Yoshinaga, T. Muranaka, T. Kato, and T. Matsumoto</i>	

Thu-P13 Thursday 18:30-20:30	Frank Peiris <i>Kenyon College</i> USA	Exploring the dielectric functions of MBE-grown GaMnAs using temperature-dependent spectroscopic ellipsometry <i>F. C. Peiris, Z. J. Weber, N. Mandal, X. Liu and J. K. Furdyna</i>	
Thu-P14 Thursday 18:30-20:30	Christine Chory <i>Carl von Ossietzky University</i> Oldenburg Germany	Synthesis and characterization of novel organically linked II-VI semiconductor nanoparticles <i>Ch. Chory, C. Feser, I. Riedel, J. Parisi</i>	
Thu-P15 Thursday 18:30-20:30	Hervé Boukari <i>Institut Néel, CNRS & Université Joseph Fourier</i> France	Optical Stark effect and dressed excitonic states in Mn-doped CdTe quantum dots <i>C. Le Gall, A. Brunetti, H. Boukari and L. Besombes</i>	
Thu-P16 Thursday 18:30-20:30	Hervé Boukari <i>Institut Néel, CNRS & Université Joseph Fourier</i> France	Electron-nuclear spin dynamics in CdTe quantum dots <i>C. Le Gall, A. Brunetti, H. Boukari and L. Besombes</i>	
Thu-P17 Thursday 18:30-20:30	David Ferrand <i>CNRS-CEA</i> France	Magnetic polarons in (Cd,Mn)Te/(Zn,Mg)Te single magnetic quantum dots <i>P. Stepanov, D. Ferrand, H. Boukari, H. Mariette and J. Cibert</i>	
Thu-P18 Thursday 18:30-20:30	Lyudmiyla Borkovska <i>NAS of Ukraine</i> Ukraine	Study of thermal stability of CdSe/ZnSe quantum dot heterostructures <i>L.V. Borkovska, N.O. Korsunska, V.I. Kushnirenko, T.R. Stara, T.G. Kryshchak</i>	
Thu-P19 Thursday 18:30-20:30	Edyta Piskorska-Hommel <i>University of Bremen</i> Germany	The structural characterization of the CdSe/ZnSe quantum dots using x-ray spectroscopic methods <i>E. Piskorska-Hommel, V. Holý, O. Caha, A. Gust, C. Kruse, J. Falta, and D. Hommel</i>	
Thu-P20 Thursday 18:30-20:30	Adrián Alfaro-Martínez <i>Physics Department - Cinvestav</i> Mexico	Photoluminescence study of the peak splitting of the excitonic emission of CdSe fractional monolayer quantum dots <i>A. Alfaro-Martínez, M. García-Rocha, I. Hernández-Calderón</i>	
Thu-P21 Thursday 18:30-20:30	C. Rice <i>University of Bath</i> United Kingdom	Investigation of exchange interactions between excitons and magnetic ions as a function of translational wavevector in Cd_{1-x}MnxTe quantum wells <i>C. Rice, L. C. Smith, J. J. Davies, D. Wolverson, M. Wiater, G. Karczewski and T. Wojtowicz</i>	
Thu-P22 Thursday 18:30-20:30	C. Rice <i>University of Bath</i> United Kingdom	Towards spin-charge texture in magnetic semiconductors <i>C. Rice, D. Wolverson, A. Moskalenko, S. J. Bending, G.Karczewski, T.Wojtowicz</i>	
Thu-P23 Thursday 18:30-20:30	Adán López-Rivera <i>University of Los Andes</i> Venezuela	Neutron diffraction research of crystal lattice local nanodistortions in diluted magnetic semiconductors Zn_{1-x}Co_xS and Zn_{1-x}Co_xSe <i>T.P. Surkova, S.F. Dubinin, V.I. Maximov, S.A. Lopez-Rivera</i>	
Thu-P24 Thursday 18:30-20:30	Masakazu Kobayashi <i>Waseda University</i> Japan	X-ray pole figure analysis of ZnTe layers grown on lattice mismatched substrates <i>M.Kobayashi, Y. Kumagai, T.Baba, and S.Imada</i>	
Thu-P25 Thursday 18:30-20:30	Takayuki Maejima <i>Tottori University</i> Japan	Local-strain induced structural-instability of nitrogen acceptor and its influence on p-type conduction-control in homo-epitaxially grown ZnO by MBE <i>T. Maejima, K. Ando, K. Katoh, M. Takazaki, R. Natsume, T. Masamoto, T. Matsuo, A. Akiyama, T. Ohno, K. Fujino, H. Nakamura, Y. Yamazaki, J. Yoshikawa, T. Abe, and H. Kasada</i>	
Thu-P26 Thursday 18:30-20:30	Shen Xuechu <i>Fudan University</i> China	The observation of strong coupling between exciton and photon in ZnO whispering gallery cavity at high temperature and its tuning <i>S. F. Zhang, H. X. Dong, L. X. Sun, W. Xie, X. C. Shen, Z. H. Chen</i>	
Thu-P27	Elzbieta Guziewicz	Study of stoichiometry of ZnO films grown at low	

Thursday 18:30-20:30	<i>Institute of Physics, Polish Academy of Sciences Poland</i>	temperature <i>E. Guziewicz, A. Stonert, R.A. Wilhelm, W. Lisowski, M. Krawczyk, J.W. Sobczak, A. Jablonski, L. Wachnicki, T.A. Krajewski, G. Luka, B.S. Witkowski, R. Jakiela, M. Godlewski</i>	
Thu-P28 Thursday 18:30-20:30	Wolfram Heimbrodt <i>University of Marburg Germany</i>	Optical properties of the inorganic-organic hybrid: pentacene on ZnO <i>J. Helzel, S. Jankowski, M. El Helou, G. Witte, and W. Heimbrodt.</i>	
Thu-P29 Thursday 18:30-20:30	Tsutomu Muranaka <i>University of Yamanashi Japan</i>	Nitrogen doping on ZnO films grown by plasma-assisted MBE and its effects to the transport properties of TFTs <i>T. Muranaka, Y. Ushiyama, N. Marumo, T. Horii, S. Sano, K. Mizuguchi, Y. Sakurai, Y. Nabetani, T. Matsumoto</i>	
Thu-P30 Thursday 18:30-20:30	Jean Michel Chauveau <i>CNRS-CRHEA France</i>	Influence of crystal orientation on nitrogen incorporation in high quality ZnO films <i>D. Tainoff, J.-M. Chauveau, C. Deparis, B. Vinter, M. AlKhalfioui, M. Teisseire, Christian Morhain</i>	
Thu-P31 Thursday 18:30-20:30	Hideo Takeuchi <i>The University of Shiga Prefecture Japan</i>	Circular polariscopic analysis of a ZnO wafer for highly sensitive and speedy evaluation of residual strains: Its relation with x-ray diffraction pattern and topography <i>Hideo Takeuchi</i>	
Thu-P32 Thursday 18:30-20:30	N. Korsunsk <i>Institute of semiconductor physics of NASU Ukraine</i>	The influence of annealing on structural and luminescence characteristics of ZnS:Cu <i>Yu. Yu. Bacherikov, N. Korsunsk, V. Kladko, N. Baran, A. Kuchuk, A. Zhuk, T. Kryshchak</i>	

All posters will be exhibited from Tuesday to Thursday.

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