



Sociedad Polimérica de México, A.C.



SLAP 2016 Program



SOCIEDAD POLIMÉRICA DE MÉXICO



Sociedad Polimérica de México, A.C.



XV Simposio Latinoamericano de Polímeros  
XIII Congreso Iberoamericano de Polímeros

October, 23rd - 27th, 2016, Cancún -Riviera Maya ,México



Dear participants of the XV Simposio Latinoamericano de Polímeros and XIII Congreso Iberoamericano de Polímeros (SLAP2016):

This is the third time that the Sociedad Polimérica de México A.C. (SPM) is pleased to organize the premier meetings among the polymer communities in Latinoamerica, Portugal and Spain. The first and second SLAP Conferences organized by SPM were held in México in 1990 (Guadalajara) and 2002 (Acapulco). Both Conferences were a success in terms of the quality of the papers presented and the rewarding interaction between scientists, not only from Latinoamerica, Portugal and Spain, but also increasingly from other countries.

SLAP 2016 takes place on October 23rd-27th of 2016 at the Riviera Maya, Quintana Roo, in the Mexican Caribe surrounded by the ancient Maya culture. The conference includes participants from 17 countries, and include 170 oral presentations and 271 posters, surpassing in numbers the two previous versions of this conference held in Mexico. There will be 7 plenary speakers and 22 Keynote speakers from different countries, such as Canada, USA, Mexico, Costa Rica, Colombia, Venezuela, Peru, Chile, Argentina, Brazil, Spain, France, Germany, Italy, Slovenia and Israel.

The rich variety of presentations related to different contemporary issues in polymer science and engineering are organized in the following symposia:

- 1.-Nanotechnology and Polymers
- 2.-Polymers and the environment
- 3.-Polymers for tissue engineering and biomaterials
- 4.-Stimuli-responsive polymers for medicine
- 5.-Polymer composites and nanocomposites.
- 6.-Polymer engineering, processing and rheology.
- 7.-Polymeric membranes and their applications
- 8.-Modern synthetic methods of polymers
- 9.-Modern Methods of Analysis and Characterization of Polymers and Theoretical studies.
- 10.-General Topics on Polymers.

The Organizing SLAP2016 Committee thanks to all contributors and invited speakers for sharing his/her knowledge and expertise during the conference and also for contributing to the success of SLAP2016.

We also would like to thank the sponsors from academia and private companies for their financial support to this conference.

WELCOME TO SLAP 2016!

Antonio Martínez Richa, President of SLAP2016  
Angel Licea Claverie, President of SPM

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Sunday 23<sup>rd</sup> October

SHORT COURSES	
COURSE 1	COURSE 2
<b>Chichén-Itzá 3</b>	
12:00 - 14:00	<p><b>Heinz W. Siesler</b> Department of Physical Chemistry, University of Duisburg-Essen, Germany "Vibrational Spectroscopy (Raman, Near-/Mid-/Far-Infrared) of Polymers: Theory, Instrumentation and Applications"</p>
<b>Bonampak 1 &amp; 2</b>	
14:00-15:00	Lunch
15:00 - 16:10	<p><b>Heinz W. Siesler</b> Department of Physical Chemistry, University of Duisburg-Essen, Germany "Vibrational Spectroscopy (Raman, Near-/Mid-/Far-Infrared) of Polymers: Theory, Instrumentation and Applications"</p>
<b>Cesar A. García-Franco</b> Exxon-Mobil Chemical Company, USA "Rheology Course, Rouse and Reptation Models: Molecularly based models describing the dynamics of unentangled and entangled polymeric systems"	
<b>Chichén-Itzá 1 &amp; 2</b>	
16:10-17:10	<b>Opening Session</b>
17:10 - 18:10	<p style="text-align: center;"><b>Plenary 1</b> <b>Julio San Román del Barrio</b> Consejo Superior de Investigaciones Científicas, CSIC -Madrid, Spain "Advanced Advanced Polymeric Systems and composites based on bioactive chitosan. Contribution to Regenerative Medicine and Drug Delivery applications"</p>
<b>Playa o Terraza</b>	
18:10 - 18:50	Coctel
18:50 - 19:50	Cultural Event

Monday 24<sup>th</sup> October

Chichén-Itzá 1 & 2		
9:00-10:00	<p><b>Plenary 2</b> <b>Buddy D. Ratner</b> University of Washington, USA "New Polymers for Healing and Regeneration: Adios Scar"</p>	
Coffee Break		
Chichén-Itzá 1 & 2	Chichén-Itzá 3	Bonampak 1 & 2
<b>Polymer for tissue engineering and biomaterials</b>	<b>Polymers and the environment (1)</b>	<b>Stimuli-responsive polymers for medicine</b>
<p><b>ID: 112</b> 10:15 - 10:45 <b>Daniel Cohn</b> Hebrew University of Jerusalem, Israel "Multifunctional 3D printed architectures for regenerative medicine"</p>	<p><b>ID: 423</b> 10:15 - 10:45 <b>Bernabé L. Rivas Quiroz</b> Universidad de Concepción, Chile "Polymer Materials to remove Inorganic Contaminants"</p>	<p><b>ID: 6</b> 10:15 - 10:45 <b>Emilio Bucio Carillo</b> Universidad Nacional Autónoma de México "Biomateriales estímulo sensibles para liberación controlada de fármacos "</p>
<p><b>ID: 455</b> 10:45 - 11:15 <b>Diego Mantovani</b> "Cellularised biomaterials for 3D regenerative medicine"</p>	<p><b>ID: 204</b> 10:45 - 11:05 <i>Analysis of interaction arising between Cr(VI) and pyridine group</i> Judith Cardoso, Sara García, Giovany Conde, Eloisa Anleu, Jorge Vazquez-Arenas</p>	<p><b>ID: 425</b> 10:45 - 11:15 <b>Juan Carlos Rueda Sánchez</b> Pontificia Universidad Católica del Perú "Nanohidrogeles inteligentes a partir de N-isopropilacrilamida y 2-oxazolinas"</p>
<p><b>ID: 127</b> 11:15- 11:35 <b>Juan V. Cauich Rodríguez</b> CICY Mérida, Yucatán México "Polyurethanes based on metformin and atorvastatin for the control of metabolic syndrome"</p>	<p><b>ID: 330</b> 11:05- 11:25 "Adsorción de tartracina en un sistema continuo con un criogel Q-C-EGDE: efecto de altura de lecho y flujo de alimentación" A. García-González, P. Ávila-Pérez, B. García-Gaitán, J. L. García-Rivas, J. Sánchez-Jaime, R. E. Zavala-Arce</p>	<p><b>ID: 77</b> 11:15- 11:35 <b>Angel Licea Claverie</b> Instituto Tecnológico de Tijuana, Baja California "PNVCL Nanohydrogels with tailored transition temperature: Two methods to obtain advanced carriers for drug delivery"</p>
<p><b>ID:</b> 11:35- 11:55 "Use of ELR-Based Biomaterials for Regenerative Approaches in the Cardiovascular Area" Matilde Alonso</p>	<p><b>ID: 111</b> 11:25- 11:45 "Estudio de la degradación de bolsas con aditivo pro-oxidante irradiadas con radiación gamma mediante espectrofotometría de infrarrojo" Jenny Aguilar, Maribel Luna, Vladimir Valle, Miguel Aldás</p>	<p><b>ID: 22</b> 11:35- 11:55 "pH and thermal responsive hybrids prepared from isophorone diisocyanate-based polyurethane and 2-(diisopropylamino) ethylmethacrylate" Francisco M. Pardini, Oscar R. Pardini, Paula A. Faccia, Javier I. Amalvy</p>

Monday 24<sup>th</sup> October

Chichén-Itzá 1 & 2	Chichén-Itzá 3	Bonampak 1 & 2
<b>ID: 11:55- 12:15</b> <i>"Design and Optimization of Polymer Nanoshuttles for Nanomedicine"</i> Paolo Netti	<b>ID: 222 11:45- 12:05</b> <i>"Use of industrial waste in asphalt masses"</i> Hélio Wiebeck, Jorge Coelho, Antônio Lúcio Duarte Ferreira, Fábio José Esper, Janaina Aline Galvão Barros	<b>ID: 36 11:55- 12:15</b> <i>"pH-responsive polymers based on the chemical modification of polyketones"</i> Esteban Araya-Hermosilla, Ignacio Moreno-Villoslada, Patrizio Raffa, Francesco Picchioni
<b>ID: 80 12:15- 12:35</b> <i>"Improved Thermal Properties of new Cyanoacrylate Polymers containing 6-hydroxyhexyl acrylate"</i> Gabriel Estan-Cerezo, Diego A. Alonso, José Miguel Martín-Martínez	<b>ID: 195 12:05- 12:25</b> <i>"Estudo reológico do cimento asfáltico de petróleo modificado com Polietilenos de alta e de baixa densidades"</i> Getúlio F. Manoel, Victor C. Gonçalves, Cynthia D. C. Erbetta, Roberto F. S. Freitas, Ricardo G. Sousa, Maria Elisa S. R. e Silva	<b>ID: 76 12:15- 12:35</b> <i>"Synthesis by Semicontinuous Heterophase Polymerization and Characterization of pH- and Thermo-responsive Poly(n-isopropylacrylamide)/Chitosan Nanocomposites"</i> Abraham G. Alvarado, Lourdes A Perez-Carrillo, Martin Arellano, Jorge E. Puig
<b>ID: 225 12:35- 12:55</b> <i>"Cultivo de células b en andamios electrohilados de polihidroxilbutirato"</i> Emma Cortés Ortiz, R. Olayo-Valles, Juan Morales-Corona, Rogelio Rodríguez Talavera, J. Olayo-Lortia, Maykel González Torres, Susana Vargas Muñoz, R. Olayo	<b>ID: 409 12:25- 12:45</b> <i>"Biodegradable polymeric PLA/GO composites with enhanced thermo mechanical properties"</i> Mónica Elvira Mendoza Duarte, Iván Alziri Estrada Moreno, Daniel Lardizábal Gutiérrez, Sergio Gabriel Flores Gallardo, Erika Ivonne López Martínez, Alejandro Vega Rios	<b>ID: 89 12:35- 12:55</b> <i>"Biodegradable polyester urethanes: drug delivery studies"</i> Karla A. Barrera-Rivera, Antonio Martínez-Richa
<b>ID: 414 12:55- 13:15</b> <i>"Efecto de las técnicas para elaboración de membranas en las propiedades eléctricas de un polímero de conducción iónica para ingeniería de tejidos"</i> Estefanía Correa Muñoz, María Moncada Acevedo, Víctor Zapata Sanchez	<b>ID: 116 12:45- 13:05</b> <i>"Effect of the incorporation of untreated and chemically treated post-industrial leather waste on the mechanical and rheometric properties of natural rubber compounds"</i> William Urrego Yepes, Juan Carlos Posada Correa, Natalia Cardona Vásquez, Sandra Milena Velásquez Restrepo, Diego Hernán Giraldo Vásquez	<b>ID: 227 12:55- 13:15</b> <i>"Thermo-sensitive poly(n-isopropylacrylamide)-Grafted cashew gum nanoparticles as a Potential Epirubicin delivery Matrix"</i> Clara M. W. S. Abreu, Haroldo C. B. Paula, Judith P. A. Feitosa, Regina C. M. de Paula
13:05- 15:00	Lunch	

Monday 24<sup>th</sup> October

Chichén-Itzá 1 & 2	Chichén-Itzá 3	Bonampak 1 & 2
<b>ID: 10 15:00- 15:30</b> <b>Gustavo Abraham</b> <i>"Development of bioresorbable electrospun small-diameter vascular grafts"</i>	<b>ID: 17 15:00- 15:30</b> <b>Marco A. De Paoli</b> <i>"Case study: reinforced drop-in bioplastic composed of green HDPE, cellulose and lignin"</i>	<b>ID: 94 15:00- 15:30</b> <b>Jacques Desbrieres</b> <i>"Thermoresponsive systems for drug delivery based on xanthan and gellan derivatives"</i>
<b>ID: 15:30- 16:00</b> <b>Antonella Motta</b> <i>"From nature to tissue Engineered Constructs: A new Opportunity"</i>	<b>ID: 271 15:30- 15:50</b> <i>"Waterborne acrylic/casein latexes and their application as ecofriendly coating"</i> Matías L. Picchio, Mario C.G. Passeggi (Jr.), María J. Barandiaran, Roque J. Minari, Luis M. Gugliotta	<b>ID: 100 15:30- 15:50</b> <i>"Estudios de Cargado, Liberación y Citotoxicidad de 5-fluorouracilo usando nanogeles PDEAEM-PEG para terapia anticáncer"</i> Lizbeth A. Manzaneres-Guevara, Ángel Licea-Claverie, Irasema Oroz-Parra, Alexei F. Licea Navarro
<b>ID: 16:00- 16:20</b> <b>José Carlos Rodríguez Cabello</b> <i>"Injectable Hydrogels based on Elastin-like Recombinamers for in situ Implantation and Additive Fabrication"</i>	<b>ID: 406 15:50- 16:10</b> <i>"Efecto de dos tamaños de perlas de quitosano-celulosa-entrecruzado con etilenglicol diglicidil éter (q-c-edge) en la adsorción de rojo No. 2"</i> Adriana Olivares Castro, Rosa Elvira Zavala-Arce, María de la Luz Jiménez Núñez, Celso Hernández-Tenorio, Beatriz García-Gaitán, Mario Alejandro Gómez-Jiménez	<b>ID: 18 15:50- 16:10</b> <i>"Efficient Condensation of DNA into Environment-Responsive Polyplexes Produced from a Novel Block Cationer carrying two Amine Groups"</i> Lindomar Albuquerque, Eliézer Jäger, Petr Stepánek, Vanessa Schmidt, Cristiano Giacomelli, Fernando Carlos Giacomelli
<b>ID: 298 16:20- 16:40</b> <b>Roberto Olayo</b> <i>"The use of complex surfaces as a base for temporal extracellular matrix in tissue engineering"</i>	<b>ID: 433 16:10- 16:30</b> <i>"Polymerization of <math>\beta</math>-myrcene with neodymium versatate and neodymium isopropoxide as catalysts"</i> Ricardo Mendoza, Ricardo López, Fernando Rodríguez, Alejandro Díaz, Hortensia Maldonado, Judith Cabello, Javier Enriquez, Ramón Díaz de León	<b>ID: 145 16:10- 16:30</b> <i>"Polymeric Gene delivery Vectors for Breast Cancer Treatment"</i> Alessandra Girotti, María Jesus Piña, Sofía Serrano, Raquel Muñoz, José Carlos Rodríguez-Cabello, Francisco Javier Arias
	<b>ID: 62 16:30- 16:50</b> <i>"Synthesis and characterization of a random copolymer of L-Lactide and Poly(propylene glycol) diglycidylether"</i> Sandra Castillejos, Jorge Cerna, Francisco Meléndez	<b>ID: 121 16:30- 16:50</b> <i>"Advanced Self-gelling Devices Based on Elastin like Polymers for Ophthalmic Drug Delivery"</i> Alicia Fernández-Colino, Daniela Quinteros, José M. Bermudez, Santiago D. Palma, Alessandra Girotti, Eduardo Pérez del Rio, Francisco J. Arias

Monday 24<sup>th</sup> October

Chichén-Itzá 1 & 2	Chichén-Itzá 3	Bonampak 1 & 2
	<b>ID: 248</b> 16:50- 17:10 "Cellulose nanofibrils from eucalyptus – thermal degradation studies"  Emanoel H. Portella, Aloir A. Merlo, Sônia M. B. Nachtigall	<b>ID: 7</b> 16:50- 17:10 "Modificación de hilos de sutura con N-vinilcaprolactama y ácido metacrililoiloxi-o-benzóico para potenciales aplicaciones biomédicas" Mónica Arteaga, Héctor Magaña, Emilio Bucio
<b>Coffee Break</b>		
<b>ID: 17:30- 17:50</b> <b>Claudio Migliaresi</b> "Encapsulation fo vialble Cells in Polymer Gels for Bioprinting"	<b>ID: 17:30- 18:00</b> <b>Galo Cárdenas-Triviño</b> "Quelatos de quitosano como nutrientes de plantas para agricultura orgánica"	<b>ID: 17:30- 18:00</b> <b>Rigoberto Advincula</b> "Electrochemically Molecularly Imprinted Polymer Sensors"
<b>ID: 135</b> 17:50- 18:10 "Injectable Hydrogel from Oxidized Galactomannan and Gelatin for Biomedical Application" Everton Lucas de Lima, Judith Pessoa de Andrade Feitosa	<b>ID: 18:00- 18:20</b> <b>Beatriz García Gaitán</b> "Modificación de un bioadsorbente mediante plasma de descarga luminiscente"	<b>Polymers and the environment (2)</b>
<b>ID: 90</b> 18:10- 18:30 "Poly (Maleic Anhydride-alt-Ethylene) modified with aminoacids. Formation of nanofibers scaffold for tissue Regeneration" M.S. Leal, M.D.Urzúa, A. Neira-Carrillo	<b>ID: 54</b> 18:20- 18:40 "The optimization of laccase immobilization conditions onto two different polymeric microspheres by response surface methodology"  Myleidi Vera, Bernabé L. Rivas	<b>ID: 161</b> 18:20- 18:40 "Stress transfer quantification in gelatin-nanofibrillated cellulose composites by raman spectroscopy"  Franck Quero, Stephen J. Eichhorn, Javier Enrione
<b>ID: 177</b> 18:30- 18:50 "pH-Responsive DNA/Chitosan Modified Particles by Chain Reaction Polimerase" M. Helena Jahuiria-Arias, Alejandra Pando, Janeth Acosta, Edith Arocutipa, Edith Arocutipa, Christian Jacinto, Ana Valderrama, Holger Mayta	<b>ID: 206</b> 18:40- 19:00 "Reinforcement of recycled high density polyethylene with alder sawdust (alnus acuminata)"  Katherine Méndez, Guillermo Jiménez	<b>ID: 199</b> 18:40- 19:00 "Evaluation of natural rubber with fillers from pyrolytic carbon black post industrial waste" William Urrego Yepes, Leyla Yamile Jaramillo Zapata, Juan Carlos Posada Correa, Daniel Santiago Tobón
<b>ID: 133</b> 18:50- 19:10 "Kgm/Chi Asymmetric Membranes as wound dressing"  Giovana Genevro, Carla França, Mariana de Moraes, Marisa Beppu	<b>ID: 364</b> 19:00- 19:20 "Modificación química del alginato de sodio con tiosemicarbazida para la remoción de plomo (II)" Bryan M. Córdova Vélez, Christian J. Hernández, Ana Valderrama Negrón, Hugo Alarcón Cavero, Ily Maza Mejía, Rosario López Cisneros, Denise de Oliveira Silva, Eder Cavalheiro, Juan Dávalos P.	<b>ID: 160</b> 19:00- 19:20 "Microencapsulación por aspersión de colorantes de pitaya (Stenocereus queretaroensis) y jiotilla (Escotria chiotilla) con mucilago de nopal (Opuntia ficus-indica)"  Irais Aragón Lucero, Delia Soto Castro, Patricia Araceli Santiago García, Miguel Chávez Gutiérrez

Monday 24<sup>th</sup> October

Chichén-Itzá 1 & 2	Chichén-Itzá 3	Bonampak 1 & 2
<b>ID: 359</b> 19:10- 19:30 "Encapsulation and in vitro drug delivery study of Tamoxifen in Chitosan" Sonia Mendoza, Luis A. Ramírez-Leal, Juan C. Contreras, Janeth Ventura, Tania E. Lara-Ceniceros	<b>ID: 376</b> 19:20- 19:40 "Effect of thermal and UV aging on melt flow index as an assessment of the processability of a recycled multicomponent thermoplastic" Gabriel Jaime Peláez Arroyave, Aura Cristina Agudelo Flórez, Diego Hernán Giraldo Vásquez, Sandra Milena Velásquez Restrepo, Elizabeth Reyes Ortiz	<b>ID: 229</b> 19:20- 19:40 "The influence of alkali concentration, temperature and time on hemicelluloses extraction from curauá fibers"  Mariana Roldi de Oliveira, Sandra Maria da Luz
<b>ID: 284</b> 19:30- 19:50 "Chitosan/Silver Nanocomposites: Antibacterial properties and tissue regeneration for thermal burn injury" E. Luna-Hernández, M.E. Cruz-Soto, F. Padilla-Vaca, R.A. Mauricio-Sánchez, D. Ramírez-Wong, R. Muñoz, L. Granados-López, L.R. Ovalle-Flores, J.L. Menchaca-Arredondo, E. Prokhorov, B.L. España-Sánchez, G. Luna-Bárceñas	<b>ID: 371</b> 19:40- 20:00 "Obtaining of artisanal paperboard from lignocellulosic waste"  G. Sandoval Flores, G. Canché-Escamilla, S. Duarte-Aranda	
<b>SPM SESSION</b>		<b>SLAP 2018 SESSION</b>

Tuesday 25<sup>th</sup> October

Chichén-Itzá 1 & 2	
8:30 - 9:45	<b>Plenary 3</b> <b>José M. Kenny</b> Universitat degli Studi di Perugia, Italy <i>"Processing and properties of bionanocomposites with lignin nanoparticles"</i>
Coffee Break	
Chichén-Itzá 1	Chichén-Itzá 2
Nanotechnology and Polymers (1)	Polymeric membranes and their applications
<b>ID: 44</b> 10:15- 10:45 <b>Alejandro J. Müller</b> <i>"Templating double and triple crystalline morphologies in biodegradable copolymers and terpolymers"</i>	<b>ID: 60</b> 10:15- 10:45 <b>Vicente Compañ Moreno</b> <i>"Conductive membranes based on composite polymers for energy applications"</i>
<b>ID: 249</b> 10:45- 11:05 <i>"Fluorescence emission color changes of acrylonitrile derivatives due to nanocrystals, morphology. Synthesis, structure, and optical properties"</i> M. Judith Percino, Margarita Cerón, Oscar Rodríguez, Guillermo Soriano-Moro, Enrique Pérez-Gutiérrez, José Bonilla-Cruz	<b>ID:</b> 10:45- 11:15 <b>Betty Lucy López</b> <i>"Síntesis de polímeros semiconductores con unidades aleatorias de thieno pyrrolodione, diketopyrrolopyrrole y bitiofeno, sus propiedades ópticas y electrónicas"</i>
<b>ID: 168</b> 11:05- 11:25 <i>"Influence of electrospinning process parameters on the structure and morphology of smart polymer fibers made of Poly(Vinylidene Fluoride)"</i> Anthony Moulins, Mitasha Swain, Nicole Demarquette, Ricardo Zednik	<b>ID: 50</b> 11:15- 11:35 <i>"Synthesis and characterization of aromatic and aliphatic polybenzimidazoles with potential use as proton transporting membrane"</i> Deysma Coll Alain Tundidor-Camba, Claudio A. Terraza, Luis H. Tagle, Pablo Ortiz, Germán Pérez, Javiera Albornoz, Victoria Alarcón
<b>ID: 300</b> 11:25- 11:45 <i>"Well-defined nanoparticles from polymer electrolytes PSSNa via RAFT polymerization"</i> Claude St Thomas, Enrique J. Jiménez Regalado, Alexis Vélez de la Fuente, Judith Cardoso Martínez, Ramiro Guerrero Santos, Hortensia Maldonado-Textle, Judith Cabello Romero	<b>ID: 64</b> 11:35- 11:55 <i>"Synthesis and characterization of aromatic poly(imide)s obtained from bis(4-(3-aminophenyl)phenyl) dimethylsilane. Its use on gas separation membrane technologies"</i> Alain Tundidor-Camba, Juan Eduardo Moncada, Claudio A. Terraza, Luis H. Tagle, Deysma Coll, Pablo Ortiz, Germán Pérez
<b>ID: 378</b> 11:45- 12:05 <i>"Synthesis of nanostructured polymers based on hybrid crosslinkers with potential applications in agriculture"</i> Alexander Córdoba, Manuel Palencia, Manuel Melendrez	<b>ID: 134</b> 11:55- 12:15 <i>"Gas separation properties of unsupported CMC membranes from blends of high temperature rigid aromatic polymers"</i> José Manuel Pérez Francisco, José Luis Santiago García, María Isabel Loria Bastarrachea, Manuel Aguilar Vega

Tuesday 25<sup>th</sup> October

Chichén-Itzá 1	Chichén-Itzá 2
	<b>ID: 254</b> 12:15- 12:35 <i>Entrecruzamiento de Cadenas Poliméricas para Reducir LA DENSIFICACIÓN EN MEMBRANAS DE SEPARACIÓN DE GASES. Hugo Hernández Martínez y F. Alberto Ruiz Treviño</i>
<b>ID: 337</b> 12:25- 12:45 <i>"XPS depth-profile study on interlayer diffusion in chitosan-based thin films"</i> Thiago B Taketa, Danilo M dos Santos, Anderson Fiamingo, Marisa M Beppu, Sérgio Paulo Campana-Filho, Robert E Cohen, Michael F Rubner	<b>ID: 301</b> 12:35- 12:55 <i>"Chemical Structure, Temperature and Pressure Effect on Poli(Urethane-Urea)s films for CO<sub>2</sub>/CH<sub>4</sub> Gas Separation"</i> Paula Bittencourt, Rodrigo dos Reis, Antoniel Campos, Andrea Valdman, Márcia Delpech, Gisele Miranda
<b>ID: 386</b> 12:45- 13:05 <i>"Effect of hydrolysis conditions on the morphology of cellulose nanowhiskers, isolated from the leaves of pineapple plants (Ananas comosus L. Merrill)"</i> Fernando Navarro Arzate, Evert Alexis Ramírez Domínguez, Gloria Ivette Bolio López, Patricia de la Cruz Burelo, Lucien Petrova Veleva, Bruno Becerra Aguilar, Rogelio Ramírez Casillas.	<b>ID: 391</b> 12:55- 13:15 <i>"Síntesis y Caracterización de Copolímeros en Bloque Sulfonados para Membranas de Intercambio Protónico en Celdas de Combustible"</i> Claudia I. Piñón-Balderrama, Carlos Guerrero-Sánchez, Ulrich S. Schubert, José Bonilla-Cruz
13:05 - 15:00	Lunch
<b>ID: 339</b> 15:00- 15:20 <b>Sandra Milena Camargo Silva</b> <i>"Synthesis and Characterization of TiO<sub>2</sub>/ZnO Nanofibers from PVAc Electrospun Microfiber Precursors"</i>	<b>ID:446</b> 15:00- 15:30 <b>Luiz Antonio Pessan</b> <i>"Foamed hollow fiber polymer membrane for microfiltration"</i>
<b>ID: 417</b> 15:20- 15:40 <i>"Safer alternatives to obtain graphene oxide"</i> Eliana Higueta, Yuliana Franco, Omar Gutiérrez	<b>ID: 155</b> 15:30- 15:50 <b>Manuel Aguilar Vega</b> <i>"Catalytically active membranes for biodiesel production with increasing hydrophilicity"</i>
<b>ID: 424</b> 15:40- 16:00 <i>"Exfoliación de grafeno en fase líquida: primera etapa en la producción de nanocompuestos epoxi/grafeno"</i> Leonel Ignacio Silva, Juan Pablo Tomba, Carmen Cristina Riccardi	<b>ID: 167</b> 15:50- 16:10 <i>"Synthesis of New Crosslinked Fluorine-Containing Polynorbornene Dicarboximide"</i> Ivette Aranda-Suárez, Arlette A. Santiago, Mercedes Gabriela Téllez Arias, Joel Vargas
<b>ID: 138</b> 16:00- 16:20 <i>"Semiconductores poliméricos del tipo push/pull en base a tiofeno y benzodioxazol"</i> Juan Carlos Ahumada, Juan Pablo Soto, Juliet Andrea Aristizabal	<b>ID: 194</b> 16:10- 16:30 <i>"Antifouling Asymmetric Membranes: Effect of Coagulation Bath in S-PPS Formation and Properties"</i> Marcial Yam, José Santiago, María Loria, Santiago Duarte, Francisco Ruiz, Manuel Aguilar

Tuesday 25<sup>th</sup> October

Chichén-Itzá 1		Chichén-Itzá 2	
<b>ID: 411</b> 16:20- 16:40 <i>"SERS substrates for acetone detection"</i> Iván Alziri Estrada-Moreno, Elsa Anabel Mercado-Gardea, Mónica Elvira Mendoza-Duarte, Sergio Gabriel Flores-Gallardo, Alejandro Vega-Rios, Rocío Domínguez-Cruz, Velia Carolina Osuna-Galindo, Pedro Piza-Ruiz, Alfredo Márquez-Lucero		<b>ID: 408</b> 16:30- 16:50 <i>"ElectroRheological Model based on Flexoelectric Membranes"</i> Edtson E. Herrera Valencia, Fausto Calderas, Mariano Perez Camacho, Luis Medina Torres	
<b>Abel Gaspar-Rosas</b> 16:40- 17:10 <i>Caracterización Termo-Reológica de Polímeros – Cuántos Parámetros/Propiedades? Porque, Para qué?</i>		<b>ID: 260</b> 16:50- 17:10 <i>"Entrecruzamiento de Membranas Poliméricas Mediante Tratamiento Térmico para Retrasar la Plástificación"</i> Jesús Ortiz Espinoza, F. Alberto Ruiz Treviño	
17:10 - 17:30	Coffee Break		
17:30 - 18:00	Official Picture		
18:00 - 21:00	Poster Session 1 Foyer of Convention Center		

Tuesday 25<sup>th</sup> October

Chichén-Itzá 3		Bonampak 1 & 2	
<b>Polymeric composites and nanocomposites (1)</b>		<b>Modern synthetic methods of polymers</b>	
<b>ID:</b> 10:15- 10:45 <b>Norma E. Marcovich</b> <i>"Magnetic films based on bio-polymers and nanomagnetite"</i>		<b>ID: 65</b> 10:15- 10:45 <b>George R. Newkome</b> <i>"Routes to Precise Supramacromolecular Constructs: Quantitative Molecular Fission and Fusion"</i>	
<b>ID: 181</b> 10:45- 11:05 <b>Salvador Fernández Tavizón</b> <i>"Polyethylene/graphene nanocomposites from easily dispersed concentrates prepared by ball milling"</i>		<b>ID: 442</b> 10:45- 11:05 <b>Alexandru Asandei</b> <i>"Photomediated Controlled Radical Polymerization of Vinylidene fluoride and Synthesis of PVDF block Copolymers"</i>	
<b>ID: 400</b> 11:05- 11:25 <b>Esther Treviño Martínez</b> <i>"Semicontinuous emulsion polymerization of n-butylacrylate in presence of graphene oxide"</i>		<b>ID: 71</b> 11:05- 11:25 <i>"Photocuring Kinetics of a Ternary Acrylate-Oxetane System"</i> Ricardo Acosta, Darío Trujillo Arriaga, Omar Acosta Berlanga, Aida Esmeralda García Valdéz	
<b>ID: 351</b> 11:25- 11:45 <i>"Study of the Hybridization Evolution of Graphene Sheets with Nylon-6"</i> María Guadalupe García Falcón, Gabriela Yolotzín Romero Zúñiga, Filemón Monzalvo Licona, Pablo González Morones, Carlos Alberto Ávila Orta, Ernesto Hernández Hernández, Carlos Alberto Gallardo Vega, Silvia Torres Rincon.		<b>ID: 32</b> 11:25- 11:45 <i>"Synthesis and Characterization of Silicon-Containing Aromatic Poly(Azomethines)S. A study of Molecular Flexibility"</i> Claudio A. Terraza, Luis H. Tagle, Rene A. Hauyon, Patricio A. Sobarzo, Pablo A. Ortiz, Alain Tundidor-Camba, Carmen M. González-Henríquez	
<b>ID: 369</b> 11:45- 12:05 <i>"Morphological Effect of Graphite on the Exfoliation Degree of Graphene in the Nanocomposite Nylon-6/Graphene"</i> Gabriela Yolotzín Romero Zúñiga, María Guadalupe García Falcón, Filemón Monzalvo Licona, Pablo González Morones, Carlos Alberto Ávila Orta, Ernesto Hernández Hernández, Janett Anahí Valdez Garza, Silvia Torres Rincón, Josefina Zamora Rodríguez.		<b>ID: 73</b> 11:45- 12:05 <i>"Ethylene Polymerization with Monometallic Zirconocene Hydride Catalysts"</i> Teresa Córdova, Maricela García, Odilia Pérez	
<b>ID: 382</b> 12:05- 12:25 <i>"Strategy to disperse graphene oxide (GO) into polymer matrix"</i> Camila F. P. de Oliveira, Pablo A. R. Muñoz, Eunézio A. T. de Souza.		<b>ID: 11</b> 12:05- 12:25 <i>"Admet Polymerization using Green Chemistry"</i> Giovanni Rojas, Taylor W. Gaines, Kathryn R. Williams, Kenneth B. Wagener	
<b>ID: 394</b> 12:25- 12:45 <i>"Foam Composites Based on LDPE/EVA/Graphite: Effect of Graphite content on Mechanical Properties"</i> González Morones, Florentino Soriano Corral, Ernesto Hernández Hernández, Antonio Calva Nava		<b>ID: 357</b> 12:25- 12:45 <i>"Controlled Synthesis of <math>\alpha,\omega</math>-Telechelic PDMS"</i> Lencina, Vivina Hanazumi, Leonardo Redondo, Camila Müller, Daniel Vega, Mario Ninago, Andrés Ciolino, Marcelo Villar	

Tuesday 25<sup>th</sup> October

Chichén-Itzá 3		Bonampak 1 & 2	
<b>ID: 43</b> 12:45- 13:05 <i>"Magnetic and Semiconductor Flexible Nanocomposites"</i> Muhammad Nisar, Carlos Bergmann, Julian Geshev, Raúl Quijada, Thuany Maraschin, Nara R. de Souza Basso, Eliana G. Barrera, Griselda Barrera Galland		<b>ID: 434</b> 12:45- 13:05 <i>"Boron Activators in Polymerization of Ethylene and Terpenes"</i> Ramón Díaz de León, Ricardo López, Iván Zapata, Luis Valencia, Daniela Aguilar, Enrique Saldívar	
13:05 -15:00	Lunch		
<b>ID: 93</b> 15:00- 15:20 <b>Graciela Morales Balado</b> <i>"Long-term photo-degradation behavior of poly(D,L-lactide) nanofibrous materials containing ZnO Nanoparticles"</i>		<b>ID: 173</b> 15:00- 15:30 <b>Eduardo Vivaldo Lima</b> <i>"On the RAFT synthesis of homogeneous polymer networks and cellulose based hybrid materials"</i>	
<b>ID: 449</b> 15:20- 15:40 <i>"Multifunctional Bionacomposites with Shape Memory Effecto"</i> Laura Peponi, Valentina Sessini, Marina P. Arrieta, Daniel López		<b>ID:</b> 15:30- 16:00 <b>Larissa Alexandrova</b> <i>"Cyclometalated Ruthenium(II) Complex as a Versatile Catalyst for Living/Controlled Radical Polymerization"</i>	
<b>ID: 338</b> 15:40- 16:00 <i>"Synthesis and Analysis of films PAni/PVS AND PAni/PVS-ZnO for application as Biochemical Sensor"</i> Fernanda Luiza de Sousa, Gislayne Elisana Gonçalves, Elisângela Silva Pinto, Rodrigo Fernando Bianchi, Suzane Ferreira P.		<b>ID: 456</b> 16:00- 16:20 <b>Sergio Moya</b> <i>"Polyelectrolyte brushes: Water Content, Transport, Zeta potential, Mechanical and Wetting properties"</i>	
<b>ID: 128</b> 16:00- 16:20 <i>"Mechanical and Fire Retardant Properties of HDPE/COC Nanocomposites with Surface Modified Nanometric Mg(OH)<sub>2</sub>"</i> Juan Luis Zapata Nava, Adriana B. Espinoza Martínez, Joel Bersayn Galván		<b>ID: 235</b> 16:20- 16:40 <b>Enrique Saldívar Guerra</b> <i>"Mathematical Modeling of Nitroxide Mediated Emulsion Polymerization. Comparison with Experimental Data"</i>	
<b>ID: 321</b> 16:20- 16:40 <i>"Influence of Clays and Organic Fillers on the Vulcanization Characteristics and Mechanical Properties in Natural Rubber-Organoclay Nanocomposites"</i> Marcos G. Fernandes, Christiano G. B. Andrade, Fabio J. Esper, Francisco R. V. Díaz, Hélio Wiebeck.		<b>ID: 341</b> 16:40- 17:00 <i>"RAFT/MADIX miniemulsion polymerization of vinyl acetate initiated by gamma rays"</i> René Peralta, Tania Segura, Martha Menes-Arzate, Fernando León, Alejandra Ortega, Guillermina Burillo	
<b>ID: 335</b> 16:40- 17:00 <i>"Crystallization of Poly(Ethylene Terephthalate) Induced by Zeolite X: Effect of the Concentration of Sodium and Organomodified Zeolite"</i> Víctor Hugo Ramos Martínez, Eduardo Ramírez Vargas, Francisco J. Medellín Rodríguez.			
Coffee Break 17:10 - 17:30	Official Picture 17:30 - 18:00	Poster Session 1 18:00 - 21:00	

Wednesday 26<sup>th</sup> October

Chichén-Itzá 1 & 2	
8:30 - 9:45	<b>Plenary 4</b> <b>Sanat K. Kumar</b> Columbia University, USA <i>"Nanocomposites with Polymer Grafted Nanoparticles"</i>
Coffee Break	
Chichén-Itzá 1	Chichén-Itzá 2
<b>Nanotechnology and Polymers (1)</b>	<b>Modern Methods of Analysis and Characterization of Polymers and Theoretical Studies</b>
<b>ID:</b> 10:15- 10:45 <b>Horacio J. Salavagione</b> <i>"Graphene in polymers. Does a perfect incorporation approach exist?"</i>	<b>ID: 57</b> 10:15- 10:45 <b>Dr. Michael Jaffe</b> <i>"Controlling polymer morphology to control performance: Importance of chemistry and processing"</i>
<b>ID: 240</b> 10:45- 11:05 <i>"Carbon Nanotubes Functionalization: In search of Nanocomposites Properties Improvement"</i> J. A. Torres-Avalos, F. López-Serrano, S. M. Nuño-Donlucas	<b>ID: 25</b> 10:45- 11:05 <i>"Modeling of the degree of protonation of chitosan in acetic acid"</i> Juan D. Giraldo, Bernabé L. Rivas
<b>ID: 289</b> 11:05- 11:25 <i>"Multifunctional Composites Based on Poly(lactic acid) and bioapplications"</i> Humberto Palza, Patricia Palma, Pablo Caviedes	<b>ID: 96</b> 11:05- 11:25 <i>"Interaction of hydroxyl groups in polysaccharides with bound water"</i> Evgen Prokhorov, A. Mauricio-Sánchez, Gabriel Luna-Bárceñas
<b>ID: 109</b> 11:25- 11:45 <i>"Thermophysical Properties of Polymers Nanocomposites with Polypropylene and Carbon Nanoparticles"</i> C. Ávila-Orta, J. Martínez-Colunga, J. Valdéz-Garza, J. Mata-Padilla, V. Cruz-Delgado	<b>ID: 146</b> 11:25- 11:45 <i>"Experimental and numerical study of ethanol diffusion in polyoxymethylene injection-molded parts"</i> Diana Amaya , Jorge Medina , Camilo Cruz
<b>ID: 413</b> 11:45- 12:05 <i>"Graphene Based Materials Functionalized with Natural Polymeric Biomolecules"</i> Velasco-Santos C., Jiménez-Cervantes- A E., Bustos-Ramírez K., Rodríguez-González C., Lopez-Marin L.M., Martínez-Hernández A.L.	<b>ID: 217</b> 11:45- 12:05 <i>"A thermoset-thermoplastic blend: Raman spectroscopy characterization"</i> Fabio Augusto Mesa Rueda, Alneira Cuellar Burgos
<b>ID: 35</b> 12:05- 12:25 <i>"Reinforce Effect on Biodegradable Polyurethane with Carbon Nanotubes Functionalized with Pamam Dendrimers"</i> Antolín Cerón, Nuño Donlucas, Karla Barrera, Martínez Richa	<b>ID: 356</b> 12:05- 12:25 <i>"Kinetic analysis for decomposition of peroxides by means of theory density functional and DSC measurements"</i> Flora Itzel Beltrán Ramírez, Luis Ramos de Valle, Eduardo Ramírez Vargas, Adriana Espinoza Martínez, Gabriel Merino Hernández



Wednesday 26<sup>th</sup> October

Chichén-Itzá 1		Chichén-Itzá 2	
ID: 27 12:25- 12:45 <i>"Exfoliation of liquid phase Graphene Oxide via Intercalation by FeCl<sub>3</sub> and Functionalization with Poly(3,4-ethylenedioxythiophene)"</i>  Lorena Carrasco, Alejandro Vega	ID: 441 12:25- 12:45 <i>"Micro and nano molecularly imprinted polymers (MIPs) for to preconcentrated organic target molecules and for to be used as receptors in Elisa test"</i>  Eduardo Pereira, César Cáceres, Yadiris García, Ewa Moczek, Bernabé L. Rivas, Sergey A. Piletsky	ID: 14 12:45- 13:05 <i>"Analysis of low molecular weight polymers using latest advanced multi-detector GPC systems"</i>  Mark R. Potheary, Edna Alvarez	
ID: 38 15:00- 15:20 <b>José Bonilla-Cruz</b> <i>"Funcionalización de NPSiO<sub>2</sub> con grupos silanos y su dispersión en resina poliéster. Efecto de la densidad de injerto en películas delgadas"</i>	ID: 15 15:00- 15:30 <b>Dr. Antonio Martínez-Richa</b> <i>"Studies of polymer chain dimensions of PCL-diols measured by SEC-MALS"</i>	ID: 226 15:20- 15:40 <i>"Functional Gold-Polymer Nanocomposites Synthesized by Microwave"</i> Diana E. García Terán, José Bonilla-Cruz, N. Pineda Aguilar, M. José. Yacamán, Tania E. Lara-Ceniceros	ID: 122 15:30- 15:50 <i>"Particle size distribution by capillary hydrodynamic fractionation: a new approach based on multi-wavelength UV detection"</i> Luis A. Clementi, Miren Aguirre, José R. Leiza, Luis M. Gugliotta, Jorge R. Vega
ID: 156 15:40- 16:00 <i>"Synthesis of magnesium hydroxide nanoparticles with controlled morphologies and their effect on the flame retardant properties of ethylene-vinyl acetate composites"</i> Heberto Ortiz Vazquez, Graciela Morales Balado, Oliverio Rodríguez Fernández		ID: 201 16:00- 16:20 <i>"Propiedades Reológicas Transitorias de Materiales Compuestos a Base de Polipropileno Reforzado con Nano-arcillas de Paligorskita"</i> Carlos Gamboa Sosa, César Martín Barrera, Genaro Soberanis Monforte, P.I. González-Chi	ID: 418 16:10- 16:30 <i>"Inestabilidades elásticas de films metálicos sobre sustratos poliméricos"</i> Diana C. Agudelo, Daniel A. Vega, Marcelo A. Villar
ID: 448 16:20- 16:40 <b>Luis A. García Cerda</b> <i>"PVC-Bi<sub>2</sub>O<sub>3</sub> nanocomposites: preparation, characterization and study of their attenuation properties of X-ray radiation"</i>	ID: 328 16:30- 16:50 <i>"Envelhecimento acelerado e natural de isoladores tipo pino em PEAD"</i> Cynthia D. C. Erbetta, Fabrício E. B. Coelho, Fernando A. M. Silva, Maria Elisa S. R. e Silva, Roberto F. S. Freitas, Ricardo G. Sousa		
Lunch			
Coffee Break			
Poster Session 2 Foyer of Convention Center			
Dinner - Dance			

Wednesday 26<sup>th</sup> October

Chichén-Itzá 1		Chichén-Itzá 2	
ID: 45 16:40-17:00 <i>"Pickering silica-based styrene emulsion polymerization kinetics: untangling mechanisms"</i> Benoit Fouconnier, Francisco López-Serrano	ID: 66 16:50- 17:20 <b>Miran Mozetič</b> <i>"Nanostructuring and surface functionalization of polymers by gaseous plasma treatment for biomedical applications"</i>		
Coffee Break			
Poster Session 2 Foyer of Convention Center			
Dinner - Dance			

Wednesday 26<sup>th</sup> October

Chichén-Itzá 3	Bonampak 1 & 2
<b>Polymeric composites and nanocomposites (1)</b>	<b>Polymer engineering, processing and rheology</b>
<b>ID: 420</b> 10:15- 10:45 <b>Rubén González Núñez</b> "Multilayer foamed composites prepared by rotomolding"	<b>ID:</b> 10:15- 10:45 <b>Liliane Maria Ferrareso Lona</b> "How small changes in the traditional free radical polymerization of conventional monomers can generate unique polymers with high added value"
<b>ID: 246</b> 10:45- 11:05 "Foam Composites based on low Density Polyethylene/Ethylene Vinyl Acetate/Agave Tequilana Fiber: Influence of the Agave Fiber Dust Content on the Morphology, Physical and Mechanical Properties" Florentino Soriano, José Hernández, Luis Calva, Ernesto Hernández, Pablo González, Jesus Rodriguez, Carlos Ávila.	<b>ID: 83</b> 10:45- 11:05 <b>Ivan Zapata González</b> "Kinetic Study and Mathematical Modeling in ATRP"
<b>ID: 251</b> 11:05- 11:25 "Digital Image Correlation Technique Applied to the Polystyrene Reinforced with Sugar Cane Bagasse Cellulose Fibers" Rolan R. Ramírez, Luiz C. C. de Jesus, Carla T. M. Anflor, Sandra M. da Luz, Volker F. Steier	<b>ID: 129</b> 11:05-11:25 "Free-radical polymerization in a multizone autoclave reactor" Ramiro Infante Martínez, Enrique Saldívar-Guerra, Luis Villarreal Cárdenas
<b>ID: 270</b> 11:25- 11:45 "Wood-Adhesive Composites: Denaturing of Tripolmt to Increase Adhesiveness" Nazmy Reyes, Mohamed Dahrouch, Nicolas Gatica, Claudio Urrutia	<b>ID: 28</b> 11:25- 11:45 "Síntesis y Caracterización de Poliuretanos Alifáticos foto-entrecruzables basados en Policaprolactona" Ángel Marcos-Fernández, Rubén Seoane Rivero, Koldo Gondra, Pilar Bilbao
<b>ID: 410</b> 11:45- 12:05 "Synthesis and dynamical mechanical characterization of polyurethane matrix composites reinforced with keratin materials" Vicente Amaya Amaya, Ana Laura Martínez Hernández, Miguel de Icaza Herrera, Carlos Velasco Santos	<b>ID: 324</b> 11:45- 12:05 "Forcing Radical Copolymerization Reactions to Design the Properties of Multicomponent Polymer Systems" C.F. Jasso-Gastinel, A.H. Arnez-Prado, F.J. Rivera-Gálvez, L.O. Sahagún-Aguilar, F.J. Aranda-García, M.A. López-Manchado, M.E. Hernández-Hernández, L.J. González-Ortiz
<b>ID: 412</b> 12:05- 12:25 "Keratin, renewable material in polymer composites: Natural and synthetic matrices" Martínez-Hernández A.L., Flores-Hernández C.G., Jiménez-Cervantes-A. E., Saucedo-Rivalcoba V., Rivera-Armenta J.L., Velasco-Santos C.	<b>ID: 345</b> 12:05- 12:25 "Simulation on Ethylene Polymerization in an Autoclave Reactor" David Victoria-Valenzuela, Jorge Herrera-Ordóñez
<b>ID: 79</b> 12:25- 12:45 "Flame Retardancy and Thermal Stability Behavior of LDPE EVA / CLAY / Metal Hydroxides Nanocomposites" Eduardo Ramírez, Saúl Sánchez, Mario Valera	<b>ID: 375</b> 12:25- 12:45 "Sensitivity Analysis for a System of Terpolymerization" Oscar Meza Díaz, Juan Carlos Tapia Picazo

Wednesday 26<sup>th</sup> October

Chichén-Itzá 3	Bonampak 1 & 2
<b>ID: 95</b> 12:45- 13:05 "Clay Distribution Between Phases in Heterogeneous Blends Polystyrene/Polyvinyl Chloride" Helen Inciarte, Angel Ysea, Haydée Oliva, David Echeverri, Luis Rios	
13:05 - 15:00	Lunch
<b>ID: 421</b> 15:00- 15:20 <b>Milton Vázquez Lepe</b> "Thermal, Mechanical and Morphological Characterization of Polyethylene/Carbon Fiber Composites Prepared by Thermo-Compression"	<b>ID:</b> 15:00- 15:30 <b>Victor Bravo</b> "Compuestos poliméricos para aplicaciones automotrices: expectativas y limitaciones"
<b>ID: 232</b> 15:20- 15:40 "Preparation of Polyethylene/Starch Nanocomposites by in Situ Polymerization" Nicolás Amigo, Daniel Canales, Alejandro Cament, Cristian Silva, Eliana Seura, Marcela Saavedra, Paula Gálvez, Mario Díaz	<b>ID: 162</b> 15:30- 15:50 "The Boundary Element Method for Viscoelastic Analysis of Composites Materials" Adrián Alberto Betancur Arroyave, Daniel Canongia Furtado, Carla Tatiana Mota Anflor
<b>ID: 218</b> 15:40- 16:00 "Mechanical and Fire Retardant Properties of HDPE/COC Nanocomposites with Surface Modified Nanometric Mg(OH) <sub>2</sub> " Juan Luis Zapata Nava, Adriana B. Espinoza Martínez, Joel Bersayn Galván	<b>ID: 387</b> 15:50- 16:10 "Comparison of Rheological Properties and Izod Impact Resistance of PPE/HIPS/SBS Blends & ABS" Erika I. López Martínez, Juan A. Arteaga-Bustillos, Mónica E. Mendoza-Duarte, Alejandro Vega-Ríos, Claudia A. Hernández-Escobar, Sergio G. Flores-Gallardo
<b>ID: 415</b> 16:00- 16:20 "Development of Composites Based on Green Polymers: Poly(lactic Acid Matrix Reinforced with Keratin, by Three Dimension Printing" Ana L. Hernández-Zea, Ana L. Martínez-Hernández, Cynthia G. Flores-Hernández, Armando Almendarez-Camarillo, Carlos Velasco-Santos	<b>ID: 404</b> 16:10- 16:30 "Compatibilización Reactiva de Mezclas de PC/PLA para Generar Materiales Poliméricos con Propiedades Mecánicas y Térmicas Mejoradas" C. Eduardo Martínez Mercado, F. Alberto Ruiz Treviño, Luis E. Lugo Uribe, Leticia Flores Santos, Alfonso González Montiel
<b>ID: 390</b> 16:20- 16:40 "Preparation and Characterization of Nylon6/Graphene Nanocomposites by Melt State" Perla J. Hernández Belmares, Mariana I. Camargo García, Oliverio S. Rodríguez Fernández, Pablo Gonzalez Morones, Florentino Soriano	<b>ID: 317</b> 16:30- 16:50 "On the Pulsating flow Behavior of a Biological Fluid: Human Blood" Fausto Calderas, Edson E. Herrera-Valencia, Luis Medina-torres
<b>ID: 144</b> 16:40- 17:00 "Biocomposites based on poly(lactic acid and short jute fiber modified by surface treatments" Heidy Burrrola-Núñez, Tomás Madera-Santana, Pedro Herrera-Franco, Herlinda Soto-Valdez, Dora Rodríguez-Félix	<b>ID: 360</b> 16:50- 17:10 "Diseño Óptimo de Tuberías Fabricadas con Materiales Compuestos" Nayeli Fernanda López Caudillo, Víctor Alcántar Camarena, Jesús Zavala Gutiérrez, Moisés Vázquez Toledo

**Wednesday 26<sup>th</sup> October**

Chichén-Itzá 3		Bonampak 1 & 2
<b>ID: 218</b> 17:00- 17:20 <i>"Polyurethane Urea Nanocomposites: Synthesis and Characterization"</i> Alneira Cuellar Burgos, Fabio Augusto Mesa Rueda		
17:20-17:30	Coffee Break	
17:30 - 20:00	Poster Session 2 Foyer of Convention Center	
21:30 - 00:00	Dinner - Dance	

**Thursday 27<sup>th</sup> October**

Plenary Room Jaguares 1+2+3+4	
10:00-11:05	<b>Plenary 5</b> <b>Heinz W. Siesler</b> University of Duisburg-Essen, Germany <i>"Vibrational Spectroscopy (Raman, mid-infrared and near-infrared) of Polymers: Research, Analysis and Process Control"</i>
11:05-11:25	Coffee Break
11:25-11:45	Closing Ceremony

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- PATROCINADORES
- 1.- Tecnolab
  - 2.- Spectramex
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## SLAP2016

Chichén-Itzá 1

Chichén-Itzá 2

Chichén-Itzá 3

Plenarias  
y Sala 1  
(las 2 juntas)

Sala 2

Bonampak 1

Sala 3  
(las 2  
juntas)

Bonampak 2

Staff

Tikal 1 al 4

Staff

ST A N D S

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8

7 SECCIONES DE 10 MAMPARAS CADA UNA

COFFE BREAK

Mar Caribe

# Barceló PREMIUM Maya Beach Resort




 Transporte Interno  
 Internal Transportation  
 Внутреннее сообщение  
 08:00 AM - 2:00 AM

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