

ICIPC Colloquium 2008 (Final Version)

Time	February 27, 2008	February 28, 2008	February 29, 2008
	Morning Session	Morning Session	Morning Session
9:00 – 9:30		Moderator: Prof. Tim Osswald Advances in Polymer Processing Simulation Prof. Tim Osswald – University of Wisconsin-Madison, USA	Moderator: Dr.-Ing. Alberto Naranjo Trends in the automobile industry Dr. Erwin Bürkle – Krauss – Maffei, Germany
9:30 – 10:00		Entropy and Fractals: A Route to Mixing and Microstructure Analysis in Polymer Processing Prof. Ica Manas - Case Western Reserve University, USA	Fiber-Matrix Separation of Polymeric Materials Reinforced with Fibers: Computer-based Approach Juan Pablo Hernández, Ph. D. Universidad Nacional de Colombia
10:00 – 10:30	Registration – Credentials and Name Tags	Extrusion Computer-based Tools: Practical Cases M. Sc. Omar Estrada - ICIPC	Biconstituent Fibers from Polypropylene and Polyamide 6: Fiber Spinning Modeling Dr. Juan Diego Sierra - ICIPC
10:30 – 11:00	Venue: Fundadores Auditorium – EAFIT University, Medellín	Injection Computer-based Tools: Practical Cases Eng. Carlos Vargas - ICIPC	Influence of nanoscale morphology on the micro- and macro- mechanical behavior of polymers and polymer nano composites Prof. Volker Altstädt – University of Bayreuth Germany
11:00 – 11:30		Analytical Considerations to the Pellet Formation in Underwater Palletizing Systems Dr. Kalman Geiger – IKT, University of Stuttgart	Processing and Design Development for Innovative Thermoplastic Applications Dipl.-Ing Olaf Zöllner - Bayer Science Materials, Germany
11:30 – 12:00		Q&A Session (with morning session speakers) Lunch at ICIPC	Q&A Session (with morning session speakers) Lunch at ICIPC

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	Afternoon Session Moderator: María del Pilar Noriega, Ph.D.	Afternoon Session Moderator: María del Pilar Noriega, Ph.D.	Afternoon Session Moderator: Dr. Juan Diego Sierra
2:00 – 2:30	Opening Ceremony ICIPC Colloquium - 15 Years	Polycarbonate and its Blends – New Applications, New Chances Dr. Ulrich Limann – Bayer Science Materials, Germany	How to Achieve Stable and Efficient Extrusion Dr. Chris Rauwendaal – Rauwendaal Extrusion Engineering
2:30 – 3:00	ICIPC – 15 Years, 1993 - 2008 Dr.-Ing. Alberto Naranjo Carvajal - ICIPC	Experiences in Elastomers Formulation: Two study cases Eng. José Fernando Gómez - ICIPC	Re-designing Existing Extrusion Lines: Case Studies María del Pilar Noriega, Ph.D. - ICIPC
3:00 – 3:30	Prospective of Plastic Materials María del Pilar Noriega, Ph.D. - ICIPC	Microstructure and Rheological Properties of Triblock Copolymers Under Extrusion Conditions Dr. Kalman Geiger – IKT, Universidad de Stuttgart, Germany	Developments in Colombia of composites reinforced by natural fibers Dr. Jorge Medina – CIPP Universidad de Los Andes
3:30 – 4:00	Recent Advances in Mixing and Extruder Screw Design Dr. Chris Rauwendaal – Rauwendaal Extrusion Engineering, USA	Thermally Stable & Thermoplastic Resins from Pine Cortex Polyphenols Dr. Alex Berg – Technological Development Unit, Universidad de Concepción, Chile	Importance of intellectual property for the cooperation between the industry and the academy Marco Alemán, Attorney – WIPO (World Intellectual Property Organization)
4:00 – 4:30	State-of-the-art in Biodegradable Polymers Dr. Juan Diego Sierra - ICIPC	Quantitative Analytical Methods to Measure Additives in Plastics M.Sc. Silvio Ospina - ICIPC	Knowledge Management at ICIPC Dr. -Ing. Alberto Naranjo
4:30 – 5:00	Plant Based Plastics And Applications Prof. David Grewell – Iowa State University, USA	Study of the PET Recycling Chain in Colombia Eng. Juan Fernando Rojas - ICIPC	Closing Ceremony Colloquium ICIPC - 15 Years
5:00 – 5:30	Q&A Session (with afternoon session speakers)	Q&A Session (with afternoon session speakers)	

7:00 – 8:00 Concert of the Symphony Orchestra of EAFIT University and Cocktail (February 27, 2008)

7:00 – 8:00 Concert with Detlef Scholz (Baritone) and Anna Tokareva (Piano) at EAFIT University (February 28, 2008)