



LatinPack invites you to the 4<sup>th</sup> edition of the international seminar  
**Barrier Packaging – Technologies and Applications**

**April 20-21/ 2006, hotel Bogotá Plaza, Bogotá, COLOMBIA**

In the flexible packaging business, success is all about **barrier**: the higher the barrier, the better the food protection. That's why films converters and food companies are engaged in development programs on high barrier packaging, particularly to Oxygen (OTR) and moisture (MVTR). Their target is: a) to extend the shelf life of the packaged foodstuff, b) to replace glass and metal rigid packages with flexible stand-up pouches, c) to reduce the cost of the package. This seminar will cover all polymeric materials involved in barrier packaging (their chemical structure and functionality), principles on permeability concepts in plastics, fabrication systems and troubleshooting (coextrusion, extrusion coating, lamination, metallization, etc), design of multilayer structures for food packaging, and future market trends in equipment and barrier materials. In short, this seminar will cover all you need to know to make your plastic packages more cost-effective and with optimal barrier properties for food protection. You cannot miss it

<p><b>Place &amp;</b> <u>Hotel Bogotá Plaza, Bogota, COLOMBIA</u></p> <p><b>Date</b> April 20-21, 2006</p> <p><b>Fees</b> By April 11: US\$275 + IVA / person After April 11: US\$300 + IVA / person</p> <p><b>Discount</b> 10% discount more than 2 from same Co. 20% discount for College Students with I.D.</p> <p><b>Includes</b> Coffeebreaks, meals and support material Certificates of attendance will be issued</p>	<p style="text-align: center;"><b>AGENDA</b></p> <p><b>Starts:</b> First day: 9:00 a.m. <b>Ends:</b> Second day: 12:30 p.m.</p> <ul style="list-style-type: none"> <li>• <b>Plastics in Barrier Packaging</b> <ul style="list-style-type: none"> <li>- Polyolefins</li> <li>- Barrier polymers</li> <li>- Advances in PE metallocenes</li> <li>- Adhesives / sealants and 'tie layers'</li> <li>- Developments on 'active' barriers</li> </ul> </li> </ul> <hr/> <ul style="list-style-type: none"> <li>• <b>Permeability Concepts in Plastics</b> <ul style="list-style-type: none"> <li>- What is permeability. How it is controlled</li> <li>- The Fick's law</li> <li>- Permeability of gases, humidity and odors</li> <li>- Permeability in multilayer structures</li> </ul> </li> </ul> <hr/> <ul style="list-style-type: none"> <li>• <b>Manufacturing of Barrier Plastic Packaging</b> <ul style="list-style-type: none"> <li>- Films co-extrusion systems and equipment</li> <li>- Comparative analysis of cast vs blown films</li> <li>- Lamination, extrusion and barrier coating</li> <li>- Films metallization processes</li> <li>- Glass coated films</li> <li>- Retortable packaging technology</li> </ul> </li> </ul> <hr/> <ul style="list-style-type: none"> <li>• <b>Structure Design and Food Applications</b> <ul style="list-style-type: none"> <li>- Material selection and processes depending On the packaged product, required shelf life, barrier requirements, etc.</li> <li>- Case studies analysis</li> <li>- Market trends in new equipment and new barrier materials</li> </ul> </li> </ul>
<p><b>For information on Registration and Corporate Sponsorship:</b></p> <p>In USA.: 630.240-8294, <a href="mailto:LatinPack@yahoo.com">LatinPack@yahoo.com</a>  In COL: 572.331-2686, cell 57.300.679-9869  <a href="mailto:guiledemon@yahoo.com">guiledemon@yahoo.com</a></p> <p><b>NOTE:</b> No cancellations or refunds will be issued but alternate parties are accepted</p> <p><b>Hotel Booking:</b> Hotel Bogotá Plaza (calle 100 #18 A-30, tel. 571.632-2232) has assigned a limited number of rooms at a discounted rate of US\$70/night (single) and US\$85/night (double), including breakfast. To obtain this rate, you MUST process your reservation with Mayia Wiedmann <a href="mailto:mayiawiedmann@hotmail.com">mayiawiedmann@hotmail.com</a> or Veronica Wiedmann <a href="mailto:LatinPack@yahoo.com">LatinPack@yahoo.com</a></p>	

**This seminar is addressed to:**  
Professionals from the plastics transformation and converting industries for packaging applications, packaging engineers / packaging scientists of consumer packed goods companies, buyers and packaging purchasing managers, interested to learn and review fundamental concepts on barrier packaging (structure design, manufacturing and applications) aimed at being more cost-effective when facing packaging development challenges. English-Spanish translation will be provided.

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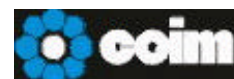
## Speakers

**Dr. Eldridge Mount III.** Dr. Mount is a recognized expert in the manufacturing and development of OPP, OPET and multilayer barrier films, expertise accumulated in over 20 years of involvement in the flexible packaging industry where he worked for companies like ICI FILMS and EXXON-MOBIL FILMS DIVISION. With a particular emphasis in product development Dr. Mount is the holder of several patents in products and processes. Dr. Mount obtained MS and Ph.D. degrees in engineering and polymer science from the Reenselear Polytechnic Institute (Troy, NY). Currently Dr. Mount is a consultant to the industry and member of the executive committee of the Society of Plastic Engineers (SPE)

**Gonzalo Mazuera.** Holds a B.S. in Chemical Engineering from Universidad del Valle (Colombia), a M.S. in Polymers Science & Eng. from the City College of New York (USA) and an M.B.A. from Tulane University (USA). His 18 years career has been in the area of plastics for food packaging applications, with emphasis on design and development of barrier packaging. Mr. Mazuera holds US and foreign patents in EVOH/OPP coextruded films. His experience in technical and international marketing has been with ExxonMobil Films, Kraft Foods, ConAgra Foods, and EVALCA. He is the founder and director of LatinPack Inc., consultants in package development and producers of conferences and seminars for Latin America since 1996.

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