

4th Quarter
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Society of Plastics Engineers
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Rotational Molding Newsletter



Your Award Winning Newsletter - 2005, 2006 & 2007

Season's Greetings!



Get ready for
TopCon 2010

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Industry Honors
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in Your Future?**

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Foam Interiors**

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for Rotomolding**

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Don't forget to visit your RMD website
WWW.ROTOMOLDING.NET



See the website of SPE
WWW.4SPE.ORG

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Chairman's Message



Hank White

Chairman's Letter

Season's greetings from the Rotomolding Division Board.

The first official SPE Rotomolding Division technical **webinar** has been posted on the Rotomolding Division website. A link connects the viewer to this free webinar hosted by Jon Ratzlaff and presented by Michael Paloian. The

subject is "Water Chlorinator Redesign Case Study", demonstrating methods of cost reduction while maintaining performance and functionality. This is the first of a series of webinars that will be posted on the website for division members to view at a nominal cost.

Don't forget to mark you calendars for the **Spring Regional Technical Conference (TOPCON)** at the Holiday Inn Conference Center in Independence, OH, on **April 11-13, 2010**. This will be a significant event for rotomolding suppliers, educators, and others interested in technology today and in the future. We also want to welcome ARM members to this event. Our program director has created themes for four planned sessions - Design, Materials, Equipment, and Processing. More details on this program to come. Let's make this event a great success.

Our division plans to again apply for the **Pinnacle Award** for the 2009/10 term, based on sponsored programs in place thus far. The Pinnacle program was established in 2005 to recognize sections and divisions that successfully create and deliver member value during the year. Sections and divisions are evaluated with respect to four categories of achievement: organization, technical programming, membership and communication. Two levels of achievement are possible: Silver and Gold. The Rotomolding Division has earned the Gold award over the last three years.

I want to continue to encourage **student participation in plastics careers**. According to our Education Chairman, the SPE Foundation gives out a number of scholarships each year to students preparing for a career in the plastics industry. It also administers the Plastics Pioneers Scholarships. Equipment grants are also available for plastics laboratory support. The SPE encourages student papers for the Annual Technical Conference (ANTEC). Many divisions give "Best Paper Awards" for student papers at ANTEC which include monetary prizes.

On behalf of the Rotomolding Division, I wish to express our appreciation to all of you who contributed to and made it possible for our success in spite of the economy. I look forward to a successful and productive 2010. Best wishes to our members and friends.

Warm regards,

C. Hank White

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Counselor's Report



Dru Laws

Dru has left the building, and is on vacation .

He wants to wish everybody Happy and Safe Holidays and his best wishes for your success in the New Year.



The Board of Directors and Officers of the Rotational Molding Division of SPE



Want to wish everybody the very best for the Holidays and we hope to contribute to your success in the New Year.

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Industry news



Schulman CEO says ICO deal meets two strategic goals

By [Frank Esposito](#) | PLASTICS NEWS STAFF

Posted December 4, 2009

FAIRLAWN, OHIO (Dec. 4, 12:30 p.m. ET) -- Schulman Inc. has pulled the trigger on one of the largest deals in the firm's 81-year history: Buying ICO Inc. in a transaction valued at almost \$200 million.

Schulman -- a major compounder and distributor based in Fairlawn -- on Dec. 2 signed a definitive deal to buy Houston-based ICO, a global polymer powder and plastic film concentrates producer. The deal beefs up Schulman's position in global markets for rotational molding and masterbatch materials.

In a Dec. 4 interview at Schulman's Fairlawn headquarters, top Schulman exec Joseph Gingo said acquiring ICO allows Schulman to meet two of its three major strategic goals — growth in **rotomolding** and masterbatch concentrates. "It's rare that you can find a deal that hits on two out of three," said Gingo, who serves as Schulman's chairman, president and CEO. "We're very excited about this opportunity." The only goal left unmet by the ICO deal is growth as a niche player in engineering plastics — and Gingo said the company is looking at acquisitions in that area.

The value of the deal, which still requires approval from ICO shareholders, is \$191.4 million — \$105 million in cash plus 5.1 million shares of Schulman common stock. After the deal closes, ICO shareholders will own about 16 percent of the combined company. The transaction is not subject to a financing contingency. Schulman intends to pay the cash portion of the purchase price out of its approximately \$230 million of cash on hand.

ICO reported sales of almost \$300 million in the fiscal year ended Sept. 30 — a 33 percent decline from the previous fiscal year. The firm lost \$1.2 million in fiscal 2009 after registering a \$15.3 million profit a year ago. Both companies are publicly traded. Wall Street reaction to the deal was mixed, with ICO shares rocketing 45 percent to \$6.55 in late trading Dec. 3, while Schulman shares fell 2 percent to \$16.65. Saul Ludwig, a stock analyst with Key Banc Capital Markets in Cleveland, said ICO's product mix and size "makes a lot of sense for Schulman." "Rotomolding is an area that [Gingo] has said he wanted the company to be in for a while now," Ludwig said Dec. 3 via phone. "It's a fair price, given the potential of the combined companies," he added. "And I think it's interesting that ICO is taking about half the deal in Schulman stock. That shows that [ICO management] thinks they're getting a deal that will create value. If they were taking cash, you can't make that argument." Gingo said that ICO would have liked even more Schulman stock to have been included in the deal. "They asked for that from the beginning," he said. "We didn't want to be diluted to our shareholders, but we found an amount [of stock] that made sense."

In a Dec. 2 news release, Gingo highlighted Houston-based ICO's position as a global leader in size reduction, which is a sector that Schulman does not currently serve, and the geographic spread of ICO's masterbatch business. He also touted ICO's strong balance sheet, which will help Schulman's growth plans. The companies expect to achieve savings of \$15 million by the end of fiscal year 2011, as a result of the consolidation and centralization of global purchasing activities, tax benefits, and elimination of duplicate public company costs.

ICO has 20 locations in nine countries. The company's Bayshore Industrial subsidiary produces specialty compounds, concentrates and additives primarily for the plastic film industry. ICO's largest unit is ICO Europe, which generated 45 percent of the firm's 2009 sales. ICO's U.S. sites include a compounding plant in LaPorte, Texas; size reduction plants in Allentown, Pa., and Grand Junction, Tenn.; and plants that provide both of those services in East Chicago, Ind.; Fontana, Calif.; and China, Texas. Gingo said Dec. 4 that after the deal closes, Schulman "will look at our assets and decide if some need to be combined." "We didn't do this to close plants, but corporate offices in the U.S. and Europe will be consolidated," he said. "We might be able to move some equipment between plants. We'll look to optimize or global footprint."

In a news release, ICO President and CEO A. John Knapp Jr. said the deal with Schulman is in the best interest of ICO shareholders. Schulman is "well-positioned to pursue a long-term strategy of profitable growth and value creation that is consistent with our vision at ICO," he said. "The ICO and A. Schulman businesses are largely complementary and synergistic with little overlap in end use and geographic markets." "We have built a great team at ICO Inc., and during our years of working together with A. Schulman, we have been highly impressed with the enthusiasm and energy of their team," Knapp added. "We believe the chemistry will be outstanding when the integration takes place."

Continued on next page

Industry News:

Schulman ~ ICO continued.

The deal is expected to close in the spring of 2010. Knapp — a real estate investor who joined ICO's board in 2001 and who has led the firm since 2005 — is not expected to remain with the firm. In March, ICO had launched a search for a new CEO, allowing Knapp to return to the board.

ICO board members Eugene Allspach and Gregory Barmore will be added to the Schulman board. Allspach is a longtime petrochemical industry veteran who once led polyolefins major Equistar Chemicals. Barmore is a former GE Finance official who worked under GE legend Jack Welch.

The acquisition ends a tumultuous decade for ICO. The firm was controlled by the Pacholder family for almost 20 years until investment firm Travis Street Partners led a hostile takeover in 2001, citing poor management. The takeover succeeded in 2002, but ICO's results quickly declined, leading the firm to close several plants and to sell off its oilfield services business to pay off debt. ICO's stock price fell under \$1 per share in late 2003, but gradually rebounded, peaking near \$15 in late 2007 before the global recession set in.

Schulman employs about 2,000 people and has 16 manufacturing facilities in North America, Europe and Asia. It recorded \$1.3 billion in sales for the year ended Aug. 31 — a drop of 36 percent from the previous year. For Schulman, the move is a major strategic shift. The firm has been closing and selling off plants in recent years, although it plans to open a plant in India next year. Schulman has cut 160 jobs since late 2008 and temporarily reduced the operating hours of its plants in Bellevue, Ohio, and Nashville, Tenn. The cuts have been the result of a number of economic factors, including the struggles of the auto sector, which at one point was Schulman's largest North American end market.

On the plus side of the ledger, Schulman is progressing with a \$10 million upgrade of its plant in Akron, Ohio. Officials said that expansion won't be affected by the ICO deal. Schulman lost almost \$3 million in its 2009 fiscal year, which ended Aug. 31. The loss was tied into a \$19 million restructuring charge, which eliminated what would have been a \$16 million profit for the year.

Less than 48 hours after the Schulman-ICO deal was announced, Gingo already was hard at work on the integration of the two firms. "I'm impressed with ICO's business leaders," he said. "This is going to be a good fit."



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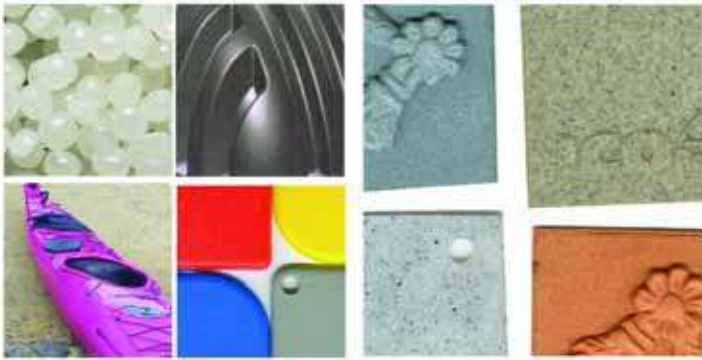
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Industry Honors: RMD PEOPLE IN THE NEWS

Barry Aubrey Enters Hall of Fame



ARMI V.P., David Smith on the left presents Barry Aubrey with his Hall of Fame plaque.

Rotational Molding Division member, Barry Aubrey, has been inducted into the Association of Rotational Molders International Hall of Fame. Barry is one of only 33 people to receive this prestigious acknowledgement. This is the highest honor bestowed on an individual by the Association of Rotational Molders (ARMI). Nominees must have a minimum of 25 years of rotational molding industry experience and be recognized as having made significant contributions in terms of industry leadership, creativity, commitment, and service with a record of openly sharing their experiences with others in the industry.

He first became involved with rotational molding in 1972. He has worked for ARMI member companies since 1976. He was elected to the ARMI Board of Directors for the 1996-1999 term and has served on various ARMI committees since 1982. Barry and Phil Dodge (an RMD charter member) taught an annual ARMI Quality Control Seminar from 1989 through 1999. He coauthored ARMI's

Quality Control Manual which is still widely used today. While working at Nalge Nunc International Barry designed a product that won the ARMI 1996 "Product of the Year" award. He went on to organize the Association's Student Rotational Molding Product Design Competition. He was also a major contributor to ARMI's Safety Manual, the Glossary of Terms, and the Equipment Guide. In recognition of all of these contributions Barry was elected to receive ARMI's "Charles D. Frederick Distinguished Service Award in 2000.

Barry Aubrey has 37 years of plastics industry experience. He holds a Bachelor's Degree in Plastics Engineering from the University of Massachusetts at Lowell. In 1970 he joined the Society of Plastics Engineers (SPE) as a student member. That was the beginning of many years of active involvement with the Society.

From 1991 through 1994 Barry served on the Board of Directors of the Rochester Section of SPE. He worked as Section and RETEC Program Committee Chair for three years and was elected President of the Section for the 1995-1996 term. All of these and other efforts resulted in his being named the Rochester Section's 1998 "Engineer of the Year", the highest award presented by the Section. Barry went on to become an "Honored Service Member" of SPE in 2007.

In 1998 Barry joined a small group of visionaries who formed a Special Interest Group which became a Division in Formation, and was officially chartered as the Rotational Molding Division (RMD) of SPE at the May 2000 ANTEC in Orlando, Florida. Charter Member, Barry Aubrey, was duly elected as the Division's first Chairman for the 2000-2001 term.

Barry served as cochairman of a TOPCON presented as part of the 2005 ARMI fall conference. He was a major force in creating the RMD Bylaws and the Board Member Recognition Program. He continues to promote rotational molding with presentations at ANTECs, TOPCONs, Section meetings, at the National Plastics Exposition, and for the Industrial Design Society of America and ARMI. Barry continues to be active on the RMD Board of Directors and is currently serving as Technical Program Committee Chairman for a TOPCON scheduled for April 11-13, 2010 in the Cleveland, Ohio area.

The RMD is proud to have Barry Aubrey as a member.

Submitted by Glenn L. Beall



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Material Moments:**Borealis considering options for its rotomolding resins business**

By Chris Smith | EUROPEAN PLASTICS NEWS

Posted November 25, 2009

VIENNA (Nov. 25, 10:50 a.m. ET) -- Polyolefins giant Borealis AG has initiated a full review of its rotational molding resins business, with all options currently said to be on the table.

According to Wim Roels, vice president of the Borealis molding division, the review has been prompted by a number of reasons, including the decision earlier this year to end high density polyethylene production at its 220,000 metric tonne per year plant in Beringen, Belgium, which supplies some of its **rotomolding** products.

"We are closing our PE plant in Belgium but we are also asking whether the complexity of the [**rotomolding**] business is something we want to be in. We will make a decision by the end of the year," he said.

Vienna-based Borealis is a major supplier of PE for rotational molding applications and at one time claimed a 40 percent share of the global market. However, in recent years it has focused more on specialty applications, which it has served with its Borecene metallocene grades.

The company declined to give an estimate of its current share of the rotational molding market or the value of its business in the sector.

Borealis marketing manager moulding, Tarmo Raudsepp said that while the rotational molding sector has been hit quite hard by the recession in the global automotive and construction markets, the longer term growth prospects are reasonably good. However, he said the structure of the rotational molding materials supply chain is changing.

"This is becoming a compounding business and that is not attractive for a resin company," he said.

Raudsepp said Borealis is considering all options for the business unit, including a sale, a joint venture with partners or a restructuring. "We are looking at all options -- as it is now it is not sustainable in the long term," he said.

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Industry News:

Rotomolder moving into old Wal-Mart

By [Bill Bregar](#)

Posted November 23, 2009

Hedstrom Plastics has found a use for a closed-down Wal-Mart in Ashland, Ohio: a new rotational molding factory.

Economic development officials in Ashland have struggled to find a business to fill the vacant Wal-Mart store, which closed when a Wal-Mart Supercenter opened in 2006 across town near I-71.

The molding plant will make its move over the next six months, according to Hedstrom Plastics President Jim Braeunig. Hedstrom also is moving its headquarters into a smaller, vacant JCPenney store. Wal-Mart and JCPenney anchored the retail strip mall, which is largely empty, said Evan Scurti, director of the Ashland Area Council for Economic Development. Before Hedstrom, a longtime local manufacturer that employs about 100, came calling, local officials had tried to attract a call center or market the space for offices, he said. "This is a great example of what a strong local industrial base and entrepreneurial thinkers can do for a community," Scurti said. "It was a very tough sell, very hard to recruit [retail] tenants when everything's moving on the other side of town. [Hedstrom] had a vision and made it happen." Hedstrom made the announcement Nov. 18.

Empty retail sites can make good manufacturing space, Braeunig said. "The commercial real estate market is so depressed, especially in an idle or abandoned retail complex. You can get a lot of square footage for some very reasonable, attractive prices." The company currently occupies three buildings in Ashland: an 85,000-square-foot factory with 12 rotomolding machines, a warehouse and a sales and marketing office. "We'll be essentially consolidating all those facilities into the new manufacturing facility or the corporate office area," Braeunig said. Hedstrom will invest about \$1 million in the former Wal-Mart, to build a high-bay area of about 15,000 square feet to accommodate its larger rotomolding machines, reconfigure electric lines and add lines for natural gas and compressed air. "There's quite a bit to build out," he said.

But even if company officials had decided to stay put, they would have needed to sink around \$500,000 into the existing factory to fix the roof and bring in more electric power and gas, he said. The former Wal-Mart has 129,000 square feet of manufacturing space. The old JCPenney store measures 22,500 square feet. Hedstrom made news in August when it bought another rotomolder, Diamond Plastics Inc., an eight-machine operation. Hedstrom will continue to run that factory in Dunkirk, Ohio, Braeunig said.

Meanwhile, in anticipation of its move to the retail space, Hedstrom bought five rotomolding machines at an auction at the shuttered Ameri-Kart plant in Fostoria, Ohio. Braeunig said Hedstrom will rebuild two of the machines and install them in the new building. That will help ease the transition. The company also will run both Ashland plants for awhile. "There is going to be absolutely no impact on our customers because of the proactive purchases and rebuilding that we have done," Braeunig said. "We'll have additional machines in that new facility that we don't have today, to facilitate the transfer. We also have Diamond, if there would be any shortfalls of any kind. But we don't anticipate any." Buying Diamond Plastics helped Hedstrom diversify into new markets and customers. Now Braeunig said the company is looking for another acquisition, in toys.

Hedstrom is a major rotomolder of vinyl play balls at a joint venture plant in China, while the Ashland operation focuses on industrial molding and a growing line of marine products. Balls are sold in the spring and summer. Braeunig said the company needs some toys to round out the third and fourth quarter, including the important Christmas season. "We're looking strategically to shore up our toy business," he said.

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Rotomolding: Tough skin harbors foamed interior

By *Matt Defosse*

Created Oct 25 2009 - 9:41pm

A Japanese company is seeking licensees for its patent-pending process for rotomolding structures having a crosslinked polyethylene foamed core and a polyethylene or polypropylene skin. Rather than a blowing agent, foam here is realized via the unique design of the pellet. Potential applications are foreseen in any number of uses including coolers, flotation devices and piers, hot water tanks or chemical tanks, sporting goods, and more.



The developing company, [Shiina Kasei Co.](#) (Okano, Japan), is working with rotomolding consultant [Paul Nugent](#) to help find potential licensees. In answer to questions from **MPW**, Nugent says foam-filled parts made via the process differ from rotomolded parts with a foamed interior realized with foaming agents. The pellets developed by Shiina Kasei are cored with foam so that as they expand, they form foam balls with outer shells. This is a one-step process; the powder for the shell of a product and the foam pellets are loaded at the same time before the mold is closed. The outer shells on the foam create a network within the part which reinforces the structure, while the ultralow density foam inside the shells keeps the overall density of the part low. Typical overall expansion rates are around 13 times. The material can be used with any mold but the venting of escaping gases as the foam expands must be taken into consideration, notes Nugent. Pressure build-up inside the mold can reach 2 kg/cm².

The process is said to be a good choice for shapes that require complete or near-complete foaming as the foam can expand to fill the entire part. Parts can be completely recycled, with the recyclate suitable for use as foaming pellets. The base materials need to be specially formulated because standard rotomolding materials typically do not have the necessary rheology profile for the process, he explains. Shiina already has licensed an Icelandic company, [IFoam](#), to work with processors and license the process, and Nugent says that company already is in talks with rotomolders regarding potential commercial applications. Perhaps not coincidentally, the world's largest rotomolder, Promes, has its headquarters in Reykjavík. Shiina says patents are pending in the U.S., Canada, Europe, Australia, India, and China. According to Shiina, additional flexural strength can be achieved by inserting a non-foaming strengthening member in the foamed core. Shiina offers two types of foaming pellets. The specific gravity for the Type I single-layer, high-expansion pellets ranges from 0.05-0.1, with expansion rates of from six-40 times' pellet size; for the double-layer (structural) type II pellets, it is 0.1-0.2, with expansion rates of five-13 times' pellet size. Processing is done at 300°C. —[Matt Defosse](#)

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New Materials:

Two HDPE rotomolding grades launched

By PlasticsToday Staff

Published: September 29th, 2009

By using low-pressure gas-phase catalysis technology, two new high-density polyethylene (HDPE) grades reportedly provide improved cold-temperature impact and environmental stress cracking resistance for custom rotational molders. Lupolen GX 5002 and Lupolen GX 5003 from [LyondellBasell Industries](#) utilize that company's Lupotech G technology to produce HDPE grades suitable for industrial storage tanks, containers, intermediate bulk containers, furniture, and playground and sporting equipment. The company says the materials offer a good balance of impact resistance and stiffness, with low-temperature impact performance down to -30°C , allowing its use in applications that must withstand harsh transport conditions in cold weather. In terms of environmental stress cracking resistance, LyondellBasell reports that full notch creep test (FNCT) results showed that Lupolen GX 5002 resins outperformed competitive ones and maintained mechanical properties, with a relatively high melt flow rate (MFR) of 7.5 g/10 min. The MFR gives the materials design flexibility for more complex applications like containers, crates, marine equipment, outdoor furniture, and leisure and playground equipment.

In a release, Cees Besems, technical manager of industrial packaging for LyondellBasell, said it is important to balance the MFR against mechanical properties, pointing out that typically, high melt flow and cold temperature impact can be mutually exclusive. By optimizing each without detriment to the other, LyondellBasell says higher MFR and improved stiffness could enable converters to tackle thin-wall design and lightweight part requirements. In addition, the increased density combined with a high environmental stress cracking resistance can boost the creep resistance, which is important for large rotomolded containers and tank applications that are exposed to internal pressure during storage. The company also states that Lupolen grades have a wide processing window, with cooking time—one of the determining factors of cycle time in rotomolding technology—being shorter, and thereby reducing the overall cycle.

LyondellBasell's existing rotomolding offerings include the range of Microthene HDPE, low-density polyethylene (LDPE), and linear low-density polyethylene (LLDPE) powders, as well as Petrothene HDPE and LLDPE resin pellets. The Microthene HDPE comes in three grades ranging in density from 0.942-0.945 with melt indexes from 1.7-5.0.

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Free shuttle service to the hotel from Cleveland Hopkins Airport is available.

Registration:

	By March 22nd	After
SPE Members	\$425.00	\$490.00
Non-members	\$575.00	\$640.00
Registration + SPE Membership	\$535.00	\$600.00

**While in Cleveland visit
The Rock and Roll Hall of Fame**

For registration info visit the RMD website www.rotomolding.net

For trade show table reservations and more information on TopCon 2010 contact Bruce Muller, TopCon Chairman, at Plastics Consulting, Inc, PlasticsC@aol.com



Technical Program



... FIRST EVER ...
ROTOMOLDING PROCESS-CONTROL
HANDS-ON WORKSHOP
FEBRUARY 5TH, 2010

Chroma Corporation's Rotational Molding Development Center, THE North American hub for Rotational Molding Research and Development, is organizing and hosting the industry's first hands-on seminar completely dedicated to Process Control. The cost to register is only \$495 per person. Please call Dru Laws at 815.759.2213 if you have questions regarding this event. See below for more details.

[CLICK HERE TO REGISTER](#)

INFORMATION

- We will all meet in the conference room at the Hampton Inn, just one block from the Chroma facility. We will begin the event with a round of introductions.
- The morning will be spent in the conference room with presentations discussing the need for process control and what advantages it offers. We will spend time discussing, in detail, each process control system currently available in North America, including: Rotolog, IRT, K-Paq, K-Kontrol, and Data-Paq. We will also provide training on RotoSim, a computer simulation package for Rotomolding.
- The afternoon will be spent at Chroma, using our Ferry 220 to feature EVERY system listed above. You will get a first hand look at how each system operates and see how their software works. For the first time ever, you can compare all available systems side-by-side in an operating production environment.

SCHEDULE OF EVENTS

8:00 – 8:30	Hampton Inn	Registration & Breakfast
8:30 – 9:00	Hampton Inn	Event Introduction
9:00 – 12:00	Hampton Inn	Group Seminar & Presentations
12:00 – 1:00	Hampton Inn	Chroma Supplied Lunch
1:00 – 4:00	Chroma	Hands-On Workshop & Discussion
4:00 – 4:30	Chroma	Event Wrap-Up

TRAVEL & HOTEL INFORMATION

We have a block of rooms reserved at the Hampton Inn for only \$84/night. Accommodations include free Wi-Fi, breakfast, and shuttle to/from Chroma.

Chroma is conveniently located between O'Hare International Airport Chicago IL and Mitchell International Airport Milwaukee WI.

More information is provided during the registration process.

Chroma Corporation
 3900 W Dayton St., McHenry, IL 60050
 815-385-8100 www.chromacolors.com

Society of Plastics Engineers
Division of Rotational Molding
14 Fairfield Drive, P O Box 403
Brookfield, CT 06804-0403

Rotational Molding Newsletter



Phone: 847-549-9970
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- *Promote goods and services to the rotational molding industry.*
- *Advertise for help wanted and positions wanted within the rotational molding industry.*



The **RMD Newsletter** is an award winning publication available to thousands of SPE members on the RMD website.

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The RMD is now offering the opportunity for you to reach the global rotational molding markets by placing classified advertising in upcoming editions.

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Business cards and classified ads will be posted on the RMD website at no charge through the publication period of the RMD Newsletter.

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772-781-6699
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Society of Plastics Engineers

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(Online at www.4spe.org/join)

European Member Bureau
Eric Sasselaan 51, BE-2020 Antwerpen, BELGIUM
Tel: 32 (0)3 541 7755 Fax: 32 (0)3 541 8425 www.speeurope.org

Application Information

Name: First _____ last _____ mi _____		Gender: <input type="radio"/> Male <input type="radio"/> Female	
Company Name and Business Address (or College) Company / College Job Title: Address: Address: City _____ State: _____ Zip: _____ Country: _____		Birth Date: (mm/dd/yyyy) _____	
Phone/Fax Format: USA & Canada (xxx) xxx-xxxx All Others +xx(xx) x xxx xxxx Work Phone: _____ Fax: _____ Email: used for society business only _____ Home Address: (please provide) Address: Address: City: _____ State: _____ Zip: _____ Country: _____ Home Phone: _____ <input type="checkbox"/> Preferred Mailing Address <input type="radio"/> Home <input type="radio"/> Business		Demographics Job Function: (choose only one) <input type="radio"/> Consulting <input type="radio"/> Purchasing <input type="radio"/> Design <input type="radio"/> Quality Control <input type="radio"/> Education <input type="radio"/> R & D <input type="radio"/> General management <input type="radio"/> Self Employed <input type="radio"/> Library <input type="radio"/> Retired <input type="radio"/> Manufacturing <input type="radio"/> Student Tech Support <input type="radio"/> Marketing/Sales <input type="radio"/> Tech Support <input type="radio"/> Other	
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<input type="radio"/> CHECK <input type="radio"/> VISA <input type="radio"/> AMEX <input type="radio"/> MASTERCARD			Additional Division(s) Costs for each Additional Division <table style="width: 100%;"> <tr> <td></td> <td style="text-align: center;"><u>1 year</u></td> <td style="text-align: center;"><u>2 years</u></td> <td></td> </tr> <tr> <td>US</td> <td style="text-align: center;">\$10.00</td> <td style="text-align: center;">\$20.00</td> <td style="border-bottom: 1px solid black; width: 50px;"></td> </tr> <tr> <td>Euros</td> <td style="text-align: center;">€8.00</td> <td style="text-align: center;">€15.00</td> <td style="border-bottom: 1px solid black; width: 50px;"></td> </tr> </table>		<u>1 year</u>	<u>2 years</u>		US	\$10.00	\$20.00		Euros	€8.00	€15.00	
	<u>1 year</u>	<u>2 years</u>													
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RMD Interim Financial Report

SPE's Rotational Molding Division
Interim Financial Report
July 1, 2009 to November 16, 2009

	<u>Actual</u>	<u>Budget</u>
Cash Balance: Beginning of Period	\$27, 135.76	
Cash Receipts in Period:		
SPE Rebate	\$113.85	\$452.00
Interest	\$5.52	\$24.00
Newsletter Ads/Sponsorships	\$550.00	\$4,000.00
Scholarships/Grants Fund	\$0.00	\$0.00
TopCon	\$0.00	\$4,000.00
Total Income in Period	\$669.37	\$8,476.00
Total Cash to be accounted for	\$27, 805.13	
Cash Disbursements in Period:		
Board Meetings (teleconference)	\$0.00	\$1,000.00
TopCon	\$0.00	\$2,000.00
e-Newsletter Printing/Mailing	\$0.00	\$300.00
Awards (Student Papers)	\$0.00	\$0.00
Scholarships/Grants	\$0.00	\$2,000.00
ANTEC Expenses	\$0.00	\$500.00
BOD & ANTEC Speakers Awards	\$0.00	\$1,000.00
President and Past Presidents Awards	\$232.29	\$400.00
Membership Brochure/Mailing/Dues	\$0.00	\$500.00
Website Hosting	\$83.88	\$300.00
Election, Ballot, Postage	\$0.00	\$200.00
SPE Product Design Comp.	\$0.00	\$200.00
Website Domain name (2004-2013)	\$0.00	\$0.00
Webinar	\$0.00	\$250.00
Total Disbursements in Period	\$316.17	\$8,650.00
Cash Balance End of Period	\$27, 488.96	

The Cash Balance is made up as follows:

Scholarships/Grants (savings acc.)	\$1, 960.20
Checking Account	\$313.71
Savings Account	\$25,215.05
Total Cash Balance	\$27,488.96

Respectfully submitted
By
Rex Kamm
Treasurer RMD

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