

ROTOMOULD 2022

CONFERENCE & EXHIBITION

**MELBOURNE
AUSTRALIA**

18-20
SEPTEMBER



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VENUE **PULLMAN & MERCURE ALBERT PARK**



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OUR **SPONSORS**

WELCOME TO ROTOMOULD 2022

We look forward to welcoming you to the 2022 Rotomould Conference & Exhibition taking place in Melbourne, Australia.



It has been three years since we all gathered for a Rotomould conference, and no one would have foreseen what change was to come or how our industry would have thrived throughout the challenges when we were all last together in 2019.

ARMA and its Board of Directors are excited to be planning a conference again for this year and from recent conversations it seems the urge to reconnect extends industry wide.

I know we are all busy and it might be difficult to find time out of your business, but this conference will provide a fantastic opportunity to update your knowledge, benchmark your business, improve your own softer skills and network again with your supply chain and colleagues.

I hope you will consider all the benefits that come from attending as we are focused on bringing a selection of specialist presenters to share their knowledge with you to make it the most valuable opportunity for professional development you will have in 2022.

Michelle Rose
CEO, ARMA

PROGRAM OVERVIEW

	Sunday 18 September 2022	Monday 19 September 2022	Tuesday 20 September 2022
8:00am	Delegate Arrival	8:30am - 9:00am Arrival Coffee/Tea in Exhibition	8:30am - 9:00am Arrival Coffee/Tea in Exhibition
9:00am		9:00am - 12:30pm Conference Program	9:00am - 12:00pm Conference Program
10:00am			
11:00am			
12:00pm		12:30pm - 1:30pm Rotomachinery Group Lunch in Exhibition	Delegate Departure
1:00pm		1:30pm - 5:00pm Conference Program	
2:00pm	2:00pm - 3:00pm Registration & Coffee/Tea in Exhibition		
3:00pm	3:00pm - 4:30pm Conference Program		
4:00pm	4:30pm - 5:30pm Welcome Back Drinks Hosted by ARMA Board		
5:00pm			
6:00pm	6:30pm - 9:30pm Price Plastics Welcome Dinner	7:30pm - 10:00pm Qenos Alkatuff Conference Dinner	
7:00pm			
8:00pm			
8:00pm			
9:00pm			

REGISTRATION INFORMATION

EARLY BIRD DISCOUNT of \$100 + GST

Applies to all registrations prior to 31 July 2022

Registration costs:

ARMA/ARMO Member First Delegate
\$1,450 + GST

ARMA/ARMO Member Second Delegate
(same company)
\$1,400 + GST

Non-Member Moulder
\$1,650 + GST

Non-Sponsor/Exhibitor Member
\$2,200 + GST

Delegate registration inclusions:

Delegate welcome pack

All conference sessions
Including all coffee/tea breaks and lunch on Monday

Trade exhibition attendance
Visit with suppliers over breaks to learn about industry products and initiatives

Social events
Welcome Drinks, Welcome Dinner & Conference Dinner



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At Matrix Polymers, we work continuously with the rotomoulding industry around the world; from our petrochemical partners through the supply chain to our rotomoulding customers. We are dedicated to advancing the industry and would love to talk to you about your next big idea.

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CONFERENCE AGENDA

Sunday 18 September 2022

Time	Session details
2:00pm – 3:00pm	Registration & Afternoon Tea in Exhibition
3:00pm – 3:15pm	Welcome & Conference Opening Trudi Duncan, President, ARMA
3:15pm – 3:30pm	ARMA Update Michelle Rose, CEO, ARMA
3:30pm – 4:30pm	Live Well - It's All About You Rob Edwards Rob Edwards has a degree, he's written a book, worked with lots of companies, developed projects for cardiac patients, young offenders, remote communities and women's groups; founded a charity for which he received an OAM and has a few kids. BUT the point is - this session is not about him. It's all about YOU! People are the most important thing in our organisation, so this very different session is our gift to you.
4:30pm – 5:30pm	Welcome Back Drinks hosted by the ARMA Board The ARMA Board & Staff are delighted to welcome you back to our Rotomould Conferences and are looking forward to this opportunity to catch up on the last few years, over a drink or two.
5:30pm – 6:30pm	Time at Leisure
6:30pm – 9:30pm	Price Plastics Welcome Dinner Lizzies Lane will play host to this dinner, a fun new venue located in a secret laneway. It will be a relaxed atmosphere where you can enjoy dinner and drinks from food stalls in an outside space. If you are inclined, there are also fun games such as quoits and a giant Jenga tower.



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CONFERENCE AGENDA

Monday 19 September 2022

Time	Session details
8:30am - 9:00am	Arrival Coffee/Tea in Exhibition Why not visit the Matrix Polymers Lounge during conference breaks with your Keep Cup for a barista coffee!
9:00am - 9:10am	Environment Group Update & Welcome to Vision Plastics Ian Gough , Gough Plastics Ian will provide an overview of what the Environment Working Group has achieved over the last 2 years and an update on the projects currently in the works.
9:10am - 9:30am	Steps Towards a Sustainable Future Steve Lewis , Vision Plastics Steve will discuss the areas that we have made improvements such as Operation Clean Sweep, working to find sustainable uses for our own and the industries scrap and minimising process scrap. I won't go into the mechanics of this, however will state the benefits that we have seen from adopting this and other initiatives that we have adopted. Also briefly discuss how energy costs are driving us to look at more efficient equipment and processes. Whilst electricity is our largest energy cost, we are also looking to work with customers to reduce their gas usage and improve cycle time.
9:30am - 10:00am	What Major Changes are Required for Plastics Helen Millicer , One Planet Consulting Effective management of plastics is now required, and countries need a Circular Economy Strategy specifically for plastics. Consumption continues to rise, recycling rates have not budged in 10 years, and record quantities of non-renewable plastics continue to go to landfill with significant costs and losses in resources, jobs, emissions, expenditure and big environmental impact. Helen Millicer will outline key international trends and measures required for a more circular and sustainable plastics industry.
10:00am - 10:30am	Ethical Decision Making for Small & Medium Business Blaise Costabir , GMI Zarhak Moulders Today given the pressures on profits more than in the good old days, businesses are forced to make ethical decisions keeping the short term in mind. A case is made for taking a long term ethical view when deciding so as to reap benefits and to ensure the business has a long life.
10:30am - 11:00am	Coffee/Tea Break in Exhibition
11:00am - 11:30am	A Moulder's Guide to Machine Maintenance Ian Hansen , RotaConsult This presentation has been created for rotomoulding production staff and reviews some of the basic inspection and maintenance requirements for biaxial hot air oven machines. It will cover the oven structure; oven panels, recirculation fan, exhaust fan, heat loss, and include the carriages and arms; cleaning, lubrication, rails/track, crack testing. This best practice machine maintenance guide is aimed at staff who do not require electrical or engineering trade qualifications. You will see examples of machines from a range of international manufacturers who are active in the Australasia region.
11:30am - 12:00pm	Cracking Failures in Polyethylene Mouldings Philip Adetunji , Qenos One of the major failure modes of Polyethylene rotational mouldings is the development of cracks over time. Philip presents the findings of a study of slow crack growth in PE rotomouldings. He explores the influence which base resin, colourants and processing have upon a moulding's resistance to the formation of cracks. Resistance to slow crack growth can greatly increase the life span of Polyethylene mouldings subjected to stress.

CONFERENCE AGENDA

Monday 19 September 2022

Time	Session details
12:00pm - 12:30pm	Sensors & Automation of Production Aaron Lederhose , PARTEC Aaron will provide an overview of automated production cycles and sensors needed to create a fully autonomous rotomoulding production process.
12:30pm - 1:30pm	Lunch in Exhibition
1:30pm - 2:00pm	Investing in the Future of Rotomoulding in Australia and New Zealand Martin Coles , Matrix Polymers It is vital for the growth and sustainability of the rotomoulding industry that there is investment in new products, production technology and materials. This presentation will highlight initiatives that Matrix is making to support the development and diversification of our sector and to ensure we have a healthy and secure future.
2:00pm - 2:30pm	Labour Recruitment & Retention in a Post Pandemic World Bill Spenceley , Flexahopper Plastics Canada As managers/owners, many of us have navigated our businesses through various economic downturns (COVID being the latest). However, unlike other recoveries, this post pandemic labour market has been a major challenge for businesses to recruit and retain workers. It's particularly difficult for processes like rotational moulding with higher labour inputs and limited opportunities to automate. In this presentation we'll discuss, from a rotomoulder's perspective, both short and long-term strategies being used successfully in other parts of the world to address this issue.
2:30pm - 3:00pm	Who? Me! The Ethics and Economics of Dealing with Mental Health in the Workplace Larissa Lloyd-Ward , Global Rotomoulding Imagine. One of your staff comes into work. Eyes blood shot. Clearly looking very tired. If you are brave enough to ask ARE YOU OK?, they likely say something like "yup" or "I will be." Very occasionally they might say something like "My wife and I are having trouble," or some other revealing comment about their personal life. Now the spotlight is on you to choose an appropriate response. As directors and managers perhaps the question we should be asking is WHO is responsible for this employee and their safety EVEN if the mental health issues have nothing to do with work? The answer for each of you is ME! As this persons Director or manager I am responsible. Now what?
3:00pm - 3:15pm	Getting Connected - Improving Customer Experiences Jim Crawshaw , PSI Brand With our experience and know-how, PSI Brand are well positioned to propose and assist the best traceability solution that suits rotomoulders. No one-size fits all, so we will arm you with the tools and methods required to determine the best solution for your process.
3:15pm - 3:45pm	Coffee/Tea Break in Exhibition

CONFERENCE AGENDA

Monday 19 September 2022

Time	Session details
3:45pm - 4:00pm	Are You Operation Clean Sweep Ready? Peter Bury , Chemistry Australia The goal of the program is simple – there should be zero pellet, flake, recycled chip and powder loss from the industry into the environment. Operation Clean Sweep provides a framework to self-audit, implement mitigation strategies, and monitor loss at industry sites, and to connect with an international network of members supporting change across the industry. Peter will talk through how to implement the program in your factory, what to look for and offer suggestions on how to keep it front of mind for staff.
4:15pm - 4:45pm	Beer Revisited Rob Miller , Rotoload A journey through the various applications, complexities, and benefits of POWDER AUTOMATION in ROTO, using BEER as a metaphor.
5:00pm - 7:00pm	Time at Leisure
7:30pm - 10:30pm	Qenos Alkatuff Conference Dinner With a sumptuous 3 course dinner along with superb wines, this semi formal dinner will be a sit-down affair with a view. There will be awards and entertainment and Qenos look forward to welcoming you.

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CONFERENCE AGENDA

Tuesday 20 September 2022

Time	Session details
8:30am - 9:00am	Arrival Coffee/Tea in Exhibition Why not visit the Matrix Polymers Lounge during conference breaks with your Keep Cup for a barista coffee!
9:00am - 9:30am	How You Can Use Data to Make Informed Business Decisions Aaron Bellette , Global Roto-Moulding
9:30am - 9:45am	Growth & Development of the SRM Series in the South Pacific Markets Stuart Mackenzie , The Rotomachinery Group Stuart will provide a brief history of the Rotomachinery Group, information on the growth and development of the SRM series in the South Pacific markets a presentation of the series and it's value to moulders and information about the company's expansion in the future.
9:45am - 10:15am	Moving Factory - Is the Rotomoulding Greener on the Other Side of the Fence AND The Perfect Business Management Software Package - Getting Clear on What You Want and Need. Tim Leed , Melbourne Rotomould Melro recently moved into a purpose built new facility – Tim will share how the move was accomplished without leaving customers in the lurch. Tim will also give an update to a presentation originally made some years ago regarding the Melro search for a “better” software package to manage accounts, stock, production/despatch scheduling and everything else.
10:15am - 10:30am	Chem-Trend: Mould Surface Technology Tony Mercieca , Chem-Trend Australia Chem-Trend has grown to become a global specialist offering industrial surface chemistry solutions to a wide variety of manufacturing processes - including rotational moulding. This presentation aims to provide an insight into the Chem-Trend experience.
10:30am - 11:00am	Coffee/Tea Break in Exhibition
11:00am - 11:15am	Aesthetic Mould Design & Techniques Ian Hansen , Rising Sun Rotomoulding Low accuracy, poor quality, welding deformation, uneven surfaces, high labour costs... still having headaches with your STEEL MOULD? All you have to do is listen to a lecture from Rising Sun Rotomolding. This lecture will show you the latest techniques on steel mould manufacturing and free you from the traditional methods.
11:15am - 11:45am	From Concept, Design, Testing and Release of Complex Products for International Customers Garth Galloway The Scout Cutter required working closely with a Global Association, Scouting International Org to recreate an Icon, the Navy Cutter. It was designed originally in the early 1900s and we needed to turn it into a very well performing sailing and rowing Cutter, using our extensive knowledge with new technology but keeping the overall look making the boat very cost effective for Scouting. This required a huge amount of design time, communication with many countries, testing and then gathering feedback. It also included testing and receiving CECertification and then finally selling Internationally.
11:45am - 12:00pm	Conference Close Trudi Duncan , President, ARMA



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PRESENTER HIGHLIGHTS

To read more about all of our presenters speaking at this year's conference, visit the Rotomould Conference [website](#).



Rob Edwards OAM

Rob Edwards, has a Bachelor of Science with majors in Anatomy & Physiology. He has been a company director for 20 years in the health and well-being industry where he designed and delivered staff development programs for hundreds organizations.

Prior to that he worked for five years in a cardiac rehabilitation program where he wrote the internationally distributed book "Better Blood Pressure".

He has diverse experience working with people at all levels of business, cardiac patients, young offenders, elite athletes and remote island communities.

Rob founded Its Time Foundation that installs solar power in remote Pacific island schools so, those kids can have a modern education. He also founded the Plastic Free Oceans platform. Rob received and Order of Australia Medal for that this year.

Rob's focus is simply to encourage people to take a brief time out in their busy lives to consider their most important asset - themselves. And to get you thinking about sustainable actions that you can do so you have a long and high quality life.



Bill Spenceley

Bill Spenceley is president and owner of Flexahopper Plastics Ltd., headquartered in Western Canada and has over 43 years involvement in the Rotational Moulding Industry.

Bill is a past president of the Association of Rotational Molders and Past Chair of the Affiliation of Rotational Moulders Organizations. Bill has travelled extensively, toured many plants, and worked with numerous rotomolders to promote innovation, sustainability, and sharing best practices with the industry. Bill became a Rotomolding Hall of Fame recipient in 2018.



Helen Millicer

Helen Millicer was one of the first in Australia to explore and work on Australia's transition to a more circular economy. Helen is well placed for this perspective given her decades working nationally in all sustainability disciplines of energy, carbon, water, organics and materials, industry and manufacturing.



Blaise Costabir

Blaise has been the Managing Director of GMI Zarhak Moulders Pvt. Ltd. based in India since 1994. Their products include the well-known storage tanks under the brand name "SHAKTI", Pallets, Dustbins and custom moulded technical products. He has also been heavily involved in a range of Industrial Associations such as the President of the Goa Management Association and the Verna Industries Association.

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DESTINATION **MELBOURNE**

Melbourne, Victoria's coastal capital, a city of stately 19th century buildings and tree lined boulevards. A city that incites inspiration, its a melting pot of creativity expressed in its arts, design, fashion and events. Spend some time in the city centre and you'll discover it's neatly divided into little pockets for you to explore. Venture into Melbourne's hidden spaces and iconic laneways for secret bars, boutiques and events.

To find out more about what Melbourne and Victoria have to offer, check out the [Visit Victoria official website](#).



Flights

There are multiple options from all airports within Australia each day. Most international flights will directly access Melbourne.

Visa requirements

Please check online for the visa requirements to enter Australia from your country as we do have quite strict laws. If you need a formal letter of invitation to obtain your visa, please contact ARMA.

Travel Insurance

ARMA strongly recommends that all attendees have travel insurance.

Transfers

It is very easy to get to the conference hotel from the airport via bus, taxi or rideshare but if you would prefer a private transfer, please contact ARMA and we can assist.

Weather

September is a beautiful month in Melbourne but it is still quite cool at night, with average temperatures at a high of 18 and a low of 9 degrees Celsius average.

Currency

Australian Dollars are the currency and internationals will be able to exchange money at the hotel reception or quite safely at local banks or exchange shops.

VENUE **PULLMAN & MERCURE ALBERT PARK**

Overlooking picturesque Albert Park Lake & prominently located near St Kilda, Chapel Street precincts, the Melbourne CBD & Port Melbourne, Pullman & Mercure Melbourne Albert Park is one of the city's best-located hotels for business or leisure in one of Australia's most dynamic & cosmopolitan cities.



Accommodation

Accommodation at the Pullman & Mercure Melbourne Albert Park is available and can be reserved using your credit card during registration.

The following accommodation options are available:

Mercure Standard Room

\$210 inc. GST

(per room, per night) incl. 1 x breakfast

Pullman Classic Room

\$240 inc. GST

(per room, per night) incl. 1 x breakfast

Booking Information

As there are limited rooms available, we strongly suggest reserving your accommodation during your online registration. Your credit card will be required by the hotel in order to reserve your room and your accommodation costs will be payable upon check-in.

Cancellation policy

Within 30 days of the conference, availability at the conference hotel is not guaranteed. To guarantee your accommodation a credit card is required. Any deposits taken are at the hotel's discretion. If accommodation is cancelled within 15-30 days of check in, one night's accommodation will be charged by the hotel. For cancellations within 14 days of the check in date, the full accommodation rate will be charged. Ensure you contact ARMA with changes and cancellations to see if we can replace your booking first.

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SOCIAL EVENTS

Sunday 18 September 2022

Welcome Drinks hosted by the ARMA Board

4:30pm - 5:30pm

Dress code: Smart casual

The ARMA Board & Staff are delighted to welcome you back to our Rotomould Conferences and are looking forward to this opportunity to catch up on the last few years, over a drink or two.

Price Plastics Welcome Dinner

6:30pm – 9:30pm

Dress code: Smart casual

Lizzies Lane will play host to this dinner, a fun new venue located in a secret laneway. It will be a relaxed atmosphere where you can enjoy dinner and drinks from food stalls in an outside space. If you are inclined there are also fun games such as quoits and a giant Jenga tower.

Monday 19 September 2022

Qenos Alkatuff Conference Dinner

7:30pm – 10:30pm

Dress code: Smart cocktail attire

With a sumptuous 3 course dinner along with superb wines, this semi formal dinner will be a sit-down affair with a view. There will be awards and entertainment and Qenos look forward to welcoming you

Throughout the conference

Matrix Polymers Coffee Lounge

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