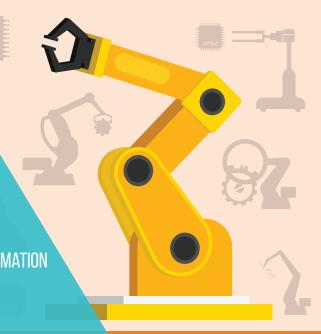


COBOTS 2020: INTELLIGENT AND COLLABORATIVE ROBOTICS **AUTOMATION FORUM**

HOW ANZ'S COBOT REVOLUTION COULD TRANSFORM FUTURE AUTOMATION

MAIN FORUM: 12-13 MARCH 2020 **VENUE: MELBOURNE MARRIOTT HOTEL**



HIGHLY ACCLAIMED SPEAKERS & KEY TOPICS INCLUDE



PROF. SALAH SUKKARIEH Professor of Robotics and Intelligent Systems The University of Sydney

How Robots Can Overcome Agricultural And Farming Challenges



PROF. ANDREW HARRIS Director, Technical Futures & Engineering Excellence Group Laing O'Rourke

How Exoskeletons Can Assist Humans In Heavy Manufacturing



DARRYL HEIDKE Science and Technology Manager - Processing Efficiency Meat & Livestock Australia



How Meat & Livestock Australia **Enhances The Entire Value Chain** With Robots



NATHAN KIRCHNER Head of Robotics Laing O'Rourke

Laying Out A Robotics Roadmap For The Future For Construction



PROF. DAVID GILLATT Professor of Urological Oncology and Robotic Surgery **Macquarie University** Hospital Hospital Sydney

Supporting Healthcare **Professionals With Robotic Hospital Helpers**



STEPHEN PARKER Head of Product Niska Retail Robotic





ALI SOOFASTAEI Research Developer at Artificial Intelligence Center Vale



See The Future Of Mining With Robots And Intelligent Machines



PHILLIP CROTHERS Enterprise Domain Leader -Manufacturing Boeing



Learning Lessons From Cobots Implementation: Failures, Challenges, Painpoints And Implementation Succes



MATTHEW DUNBABIN Professor **Queensland University of** Technology



How Vision-Equipped Robots Are Saving The Great Barrier Reefs



DR. SARATH KODAGODA Associate Professor, **Deputy Director University of Technology Svdnev**

How Sydney Waters Uses Robots To Maintain Its Pipelines

12 MARCH, EVENING: CHAMPAGNE NETWORKING SESSION

Enjoy a glass of champagne whilst networking with other like-minded individuals on topics that are of most interest to you and fellow delegates.

4. +61 3 9909 7310

REGISTER BY 25 FEBRUARY 2020 TO SAVE AUD200



THE FORUM AT A GLANCE

DAY 1: THURSDAY, 12 MARCH 2020

MAIN FORUM

- Building Autonomous Factory Of The Future With Cobots And Robotics
- **Exoskeleton Demonstration:** How Exoskeletons Can Assist Human In Heavy Manufacturing & Emergency Services
- How Cobots Makes Visual Inspections In The Blink Of An Eye
- How Vision-Equipped Robots Are Saving The Great **Barrier Reefs**
- How Robotic Exoskeletons Are Used To Reduce Factory Injuries By 75%

DAY 2: FRIDAY, 13 MARCH 2020

MAIN FORUM

- **Automating The Entire Assembly Line With Cobots** And Robotics
- How Laing O'Rourke Uses Robotics To Drive Future Automation
- Autonomous Maintenance Robots At Sydney Harbour Bridge: Micro-Robots Find And Manage Flaws In Painted Surface On Bridge
- How Sydney Waters Uses Robots To Maintain Its **Pipelines**
- Robotic Butchery: How Robot Butchers Are Driving New Levels Of Productivity In Meat Processing

POWERFUL REASONS TO ATTEND THE COBOTS 2020 FORUM

- 1. Join an exclusive gathering of thought and business leaders for meaningful exchanges around intelligent robotics and their promise in various industries
- 2. Acquire actionable insights, proven solutions and effective strategies to deploy your own ultraefficient cobot operation
- Discover new ways cobots are being used to ratchet up productivity and efficiency while tackling labor costs and shortages
- Forge valuable partnerships with some of the most innovative minds at the forefront of the intelligent robotics and Industry 4.0 revolution
- Learn more about how organizations in various fields and sectors have successfully used cobots to overcome a host of tedious and dangerous on-job tasks















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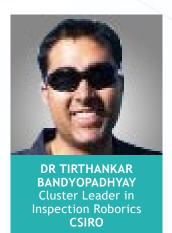


HEAR FROM KEY EXPERTS

FEATURED THOUGHT LEADERS & INDUSTRY SPEAKERS LINE UP



SHANTI KRISHNAN Deputy Director, Factory of the Future **Swinburne University**









PROF. SALAH **SUKKARIEH** Professor of Robotics and Intelligent Systems The University of Sydney



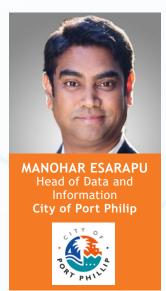












HEAR FROM KEY EXPERTS

FEATURED THOUGHT LEADERS & INDUSTRY SPEAKERS LINE UP



DARRYL HEIDKE Science and Technology Manager - Processing efficiency Meat & Livestock Australia



SARATH KODAGODA

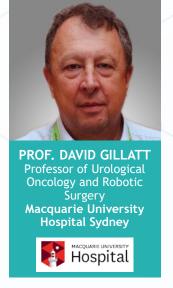
Associate Professor, Deputy Director - Teaching and

Research Integration

University of Technology Sydney















FORUM HIGHLIGHTS



HOW ROBOTS CAN OVERCOME AGRICULTURAL AND FARMING **CHALLENGES**



SUPPORTING HEALTHCARE PROFESSIONALS WITH ROBOTIC **HOSPITAL HELPERS**



LEARNING LESSONS FROM COBOTS IMPLEMENTATION: FAILURES, CHALLENGES, PAINPOINTS AND **IMPLEMENTATION SUCCESS**



HOW EXOSKELETONS CAN ASSIST HUMANS IN HEAVY MANUFACTURING



HOW ROBOT WAITERS AND WAITRESSES ARE SERVING **CUSTOMERS IN AUSTRALIA**



HOW VISION-EQUIPPED ROBOTS ARE SAVING THE GREAT BARRIER REEFS



HOW MEAT & LIVESTOCK AUSTRALIA ENHANCES THE ENTIRE VALUE CHAIN WITH ROBOTS



SEE THE FUTURE OF MINING WITH **ROBOTS AND INTELLIGENT MACHINES**



HOW SYDNEY WATERS USES ROBOTS TO MAINTAIN ITS PIPELINES



LAYING OUT A ROBOTICS ROADMAP FOR THE FUTURE FOR CONSTRUCTION

DISCOVER

WHO YOU WILL MEET AT THE FORUM

12 MARCH, EVENING: CHAMPAGNE NETWORKING SESSION

Enjoy a glass of champagne whilst networking with other like-minded individuals on topics that are of most interest to you and fellow delegates.



Who You Will Meet:

SENIORITY LEVEL OF DELEGATES

70%

Director Levels & Above

10%

Head of Departments 20%

Manager



Industries (including but not limited to):

- Manufacturing
- Electrical/Electronic Manufacturing
- **Industrial Automation**
- Mechanical or Industrial Engineer
- Oil & Energy

In the Roles of:

Chief/Head/Directors/ Managers/Officers of

- Engineering
- Project Management
- **Robotics**
- Design
 - Operations
 - **Systems**
- **Drafting**
- Construction
- Technology
- **Operations**
- Research

- **Planning**
- 3D Printing
- Software
- Information
- **Packaging**
- **Assembly**
- **Machine Tending**
- **Quality Inspection**
- Research and Development
- **Quality Control**
- Manufacturing
- Warehouse Management

HERE ARE

10 REASONS WHY YOU SHOULD ATTEND THE FORUM



MAIN FORUM AGENDA

DAY

09:00 Welcoming Speech, Opening Remarks & Thank You Sponsor Speech by Conference Producer

09:10 **Digital Factory: Pioneering Next Wave Of Automation With Cobots And Humans Working** Symbiotically In Manufacturing



SHANTI KRISHNAN Deputy Director, Factory of the Future Swinburne University

09:45 **How Robots Can Overcome Challenges On-Farm**



PROF. SALAH SUKKARIEH Professor of Robotics and Intelligent Systems The University of Sydney



10:20 **Morning Refreshment & Networking**

10:50 **How Vision-Equipped Robots Are Saving The Great Barrier Reefs**



MATTHEW DUNBABIN Professor Queensland University of Technology



11:25 Calling All Innovators! Imagine Tomorrow Now: **How Vendors And End-Users Can Collaborate** In Combining Next-Generation Robotics With **Traditional Automation Into New Solutions**



Business development Manager - Automation Diverseco



12:00 **Lunch & Networking**

13:00 **Roundtable Discussions**

RHETT TALLEY

· Collaborative Robots & Quick Change End Of Arm Tools: Easy Hire For Proof Of Concept



Business development Manager - Automation Diverseco





Visual Inspection Cobots





Automating Entire Assembly Line With Cobots



SHANTI KRISHNAN Deputy Director, Factory of the Future Swinburne University

Robotics As A Service

13:35 Quality inspection

How Cobots Make Visual Inspections In the Blink Of

14:10 The Future Of Construction With Robotics And **Exoskeletons**



PROF. ANDREW HARRIS Director, Technical Futures & Engineering Excellence Group Laing O'Rourke



14:45 **Robotics Roadmap Lays Out Future For** Construction

15:15 Afternoon Refreshment & Networking

15:45 Opportunities And Challenges In Developing And **Deploying Truly Collaborative Systems**



PHILLIP CROTHERS Enterprise Domain Leader - Manufacturing Boeing



16:20 Panel Discussion

Learning Lessons From Cobots And Robotic Implementation: Failures, Challenges, Painpoints **And Implementation Success**



NATHAN KIRCHNER Head of Robotics Laing O'Rourke



PHILLIP CROTHERS Enterprise Domain Leader - Manufacturing Boeing





KATE ORLOVA CFO Niska Retail Robotics

17:05 Closing Remarks by Conference Chairman

17:10 **End of Day One Champagne Networking Session**



After a long day of learning, benchmarking, and planning, unwind and mingle with your peers

MAIN FORUM AGENDA

DAY 2

09:00 Welcoming Speech, Opening Remarks & Thank You Sponsor Speech by Conference Producer

09:10 The Application Of Intelligent Robotics In The Earth **Resources Related Industries**



ALI SOOFASTAFI Research Developer at Artificial Intelligence Center Vale



09:45 Robot Assistant

> Relieving Healthcare Professional With Hospital Robot Helper: A Case Study By Macquarie **University Hospital Sydney**



PROF. DAVID GILLATT Professor of Urological Oncology and Robotic Surgery Macquarie University Hospital Sydney



10:20 Morning Refreshment & Networking

10:50 Using Visual Inspection Robots To Spot **Manufacturing Defects And Conduct Autonomous** Industrial Inspections



DR TIRTHANKAR BANDYOPADHYAY Cluster Leader in Inspection Roborics CSIRO



Case Study: How Meat & Livestock Australia Uses **Robots Across The Entire Value Chain**



Science and Technology Manager - Processing Efficiency Meat & Livestock Australia



12:00 F&B Robot Assistant

> Ready To Be Served By A Robot? How Do Ice **Cream And Robots Go Hand In Hand?**



STEPHEN PARKER Head of Product Niska Retail Robotic



12:35 **Lunch & Networking**

13:35 Why The Robots Of The Future Will Have Hands



AARON DUIVENVOORDEN R&D Engineer Sentient Bionics Pty Ltd



How Sydney Waters Uses Robots To Maintain Its 14.10 **Pipelines**



DR. SARATH KODAGODA Associate Professor, Deputy Director University of Technology Sydney



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14:45 **Future Mining With Robots And Intelligent Machines**



ALI SOOFASTAEI Research Developer at Artificial Intelligence Center Vale



15:20 Afternoon Refreshments & Networking

15:50 Smart Robots: Bridging The Gap Between "Real World" And "Virtual World



MANOHAR ESARAPU Head of Data and Information City of Port Philip



16:25 The Future Of Retail



KATE ORLOVA Niska Retail Robotics



17:00 **Closing Remarks by Conference Chairman**





COLLABORATIVE ROBOTICS PARTNER



Diverseco is a diversified automation and systems integration company that solves customer problems through deep expertise across industrial robotics, collaborative robots, material handling, product inspection, weighing, dimensioning, barcode-scanning, vision, engineering, software, and systems integration.

As a systems integrator our mission is to co-create value with our clients by integrating and combining industrial, collaborative, and mobile industrial robotics either as stand-alone solutions or as new automation solutions that integrate with our other areas of expertise.

We are passionate about working with our clients today to create tomorrow's innovations. This enables our customers to benefit from new automation solutions uniquely designed to meet their needs.

With offices and more than 150 staff across five Australian States including New Zealand and Singapore, as well as automated steel fabrication and welding facilities, Diverseco provide system design, proto-typing, consultation, sales, supply, installation, project management, service and support across our full range of solutions.

Our world's-best automation brands include Kawasaki, Doosan, OnRobot, Solomon, MIR, Vention, SICK, Data Logic, CubiScan, AKL-Tec, Wipotec-OCS, and Fortress Technology.

Our valued clients include many of Australia and the world's leading brands. Key industry verticals are Transport and Logistics, Food Manufacturing, Pharma, Mining, and General Manufacturing.

Diverseco. Can Do.

For more information, visit www.diverseco.com.au

SPOTLIGHT PRESENTER



We've been developing robotic and prosthetic hands in Melbourne for over half a decade. During that time we have worked with prosthetic users, hospitals and industry partners to develop a range of grippers suitable to satisfy everyday human and robotic needs. Familiarity, versatility and affordability are at the core of our product ethos and so we have developed hands which allow people and robots to interact in a natural, and effective way.

For more information, visit http://sentientbionics.com/

ASSOCIATION PARTNER



The Supply Chain & Logistics Association of Australia (SCLAA) is Australia's largest Association for Supply Chain and Logistics professionals and practitioners working in SME's through to large Corporates. Driving a competitive advantage over Australia's Supply Chain & Logistics.

Of the 2.1 million Companies in Australia, almost all have supply chain and logistics functions. We directly run the most supply chain and logistics events across Australia. Additionally, we co-organise joint events with other respected Industry Partners and support selected Industry Conferences.

The SCLAA is a not-for-profit, and member-based organisation, run by volunteers and at our very core is our mission to serve and advance the interests of Supply Chain and Logistics professionals and practitioners in Australia.

For more information, visit https://sclaa.com.au/.

admissions@claridenglobal.com

CAPITALIZE ON THIS FORUM

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Looking for the ideal platform to elevate your professional status and strike key business partnerships?

Leverage on our limited sponsorship packages to strengthen and confirm your market position through consistent and continual branding awareness and take advantage of the plethora of opportunities with high level decision makers.

Your Partnership with us will provide you with:

- Unparalleled industry exposure
- Leads generation and set-up of meetings with key decision makers
- Extraordinary brand visibility, increasing brand awareness and preference
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Benefits as Media Partner or Supporting Organization at the COBOTS 2020: Intelligent And Collaborative Robotics Automation Forum

- Enhance your corporate profile and visibility within your industry -Your company's logo will be emblazoned on our <u>brochures and distributed to</u> decision makers across Australasia
- Affiliation with an internationally recognized commercial event organizer

Clariden Global events are widely known and trusted throughout the world for providing best value to senior industry executives. Through partnering with selected media and supporting organizations, we are capable of delivering the highest calibre of expert knowledge and key industry insights to the target market.

If you meet the criteria mentioned above and would like to explore the opportunity to partner with us for the Cobots 2020: Intelligent And Collaborative Robotics Automation Forum, please contact *Karen Williams* at +61 3 9909 7310 or email karen.williams@claridenglobal.org.







COBOTS 2020: INTELLIGENT AND COLLABORATIVE ROBOTICS AUTOMATION FORUM

12 - 13 March 2020 | MELBOURNE MARRIOTT HOTEL

CLARÎDEN

Knowledge for the world business leaders

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I would like to receive more information on hotel accommodation using Clariden Global coporate rate.
Promotional Code (Optional):
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Email:
Forum Package Selected:
2nd Participant Name (Mr/Mrs/Ms):
Job Title: Department:
Telephone:
Email:
Forum Package Selected:
3rd Participant Name (Mr/Mrs/Ms):
Job Title: Department:
Telephone:
Email:
Forum Package Selected:
4th Participant Name (Mr/Mrs/Ms):
Job Title: Department:
Telephone:
Email:
Forum Package Selected:

Forum Packages	Regular Fee
INDUSTRY PROFESSIONALS	
A: Main Forum Only (2 Days) (Most Popular)	AUD2,795

<u>PLEASE NOTE</u>: The forum fee includes lunch, refreshments and forum documentation. Payments are required with registration and must be received prior to the forum to guarantee your place.

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Register with your Colleagues Today to Enjoy Group Discount*:

Group discount of 10% for the 2nd participant from the same organization.

For limited time only by 25 February 2020, register 3 participants and the 4th participant will receive a **complimentary** seat.

For 5 or more registrations, please contact *Karen Williams* at *karen.williams@claridenglobal.org.*

Group Discount will only be applicable to the package of the lowest value.

*Only 1 discount scheme will apply. Discount will compound on top of your early bird discount! This offer is valid for a limited time only, 25 February 2020.

4 WAYS TO REGISTER



Email: admissions@claridenglobal.com



Fax: +61 3 9909 7788 Call: +61 3 9909 7310



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BY CHEQUE / BANK DRAFT:

Made payable to CLARIDEN GLOBAL INTERNATIONAL LIMITED

and mail to: 3 International Business Park, #04-29, Nordic European Centre, Singapore

BY TELEGRAPHIC TRANSFER TO:

Bank Name: Standard Chartered Bank

Bank Code: 7144
Bank Branch Code: 001

Bank Address: 6 Battery Road, #01-01 Singapore 049909

Bank Address: 6 Battery Ro Bank Account No: 0107775042

Bank Account name: CLARIDEN GLOBAL INTERNATIONAL LIMITED

SWIFT Code: SCBLSG22

Please note that all bank charges are to be borne by participants. Please ensure Clariden Global International Limited receives the full invoiced amount.

Note: Please include invoice number on all payment types and your company's name in your payment instructions for our reference.

CREDIT CARD:

To make payment by credit card, please call our client services hotline at +61 3 9909 7310.

FORUM VENUE AND ACCOMMODATION INFORMATION

Melbourne Marriott Hotel

12 - 13 March 2020

Address: Corner Exhibition &, Lonsdale St, Melbourne VIC 3000, Australia

Phone: +61 3 9662 3900

Website: https://www.marriott.com/hotels/travel/melmc-melbourne-marriott-hotel/

HOW TO REGISTER AND PAY

An invoice and registration confirmation will be sent within 7 days, please contact us if you have not heard from us within 7 days. Payment can be made by credit card, by bank transfer or by cheque made payable to "CLARIDEN GLOBAL INTERNATIONAL LIMITED".

ALL PAYMENTS MUST BE RECEIVED IN ADVANCE OF THE EVENT.

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Once we have received your booking, the place(s) are confirmed. No refunds will be made for any cancellations, however, program credits of equivalent value only applicable for Clariden Global events will be provided. Credits can only be redeemed for 1 program and is valid for only one (1) year from date of issue.

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