

## Conference Program

13:00 – 13:05	Welcome Remarks
13:05 – 13:55	Presentation 1: Additive Manufacturing Solution for HPDC Dies by Mr. David Wang, Managing Director, voestalpine Technology Institute (Asia)
13:55 – 14:45	Presentation 2: Micro Spray - Properties and Advantages of HERA™ Technology by Mr. John Belyk, Global BD Director & Mr. Jaruyos Lertsuwannaroj, Regional Die Casting Sales Manager, Chem-Trend
14:45 - 15:35	Presentation 3: HPDC Virtual Temperature Control Optimization by Ms. Luciana Stuewe, Technical Director, MAGMA Engineering Asia-Pacific
15:35 – 16:25	Presentation 4: Optimization of Die Life for HPDC Dies by Mr. Jason Ye, Technical Director, voestalpine High Performance Metals Pacific
16:25 – 17:15	Presentation 5: The Way to Efficient Mould Temperature Control by Mr. Rene Hordijk, Managing Director, Frech Asia
17:15 – 17:30	Presentation 6: Mould Materials and Cooling System Optimisation for Plastic Moulding with SIGMASOFT® by Mr. Vimalanand Devadass, Technical Manager, SIGMASOFT® Singapore

Note:

- There will be live Q&A after each presentation.
- The schedule is tentative and subject to change without prior notice.

**See next page - Speaker Profile**

# Speaker Profile



**Mr. David Wang**  
Managing Director, voestalpine Technology Institute (Asia)

David received his PhD. Degree of Mechanical Engineering in 1996 and is currently the Managing Director of voestalpine Technology Institute (ASIA) Co. Ltd. Prior to joining voestalpine in 2017, David was a Researcher for Industrial Technology Research Institute (ITRI, Taiwan) for more than twenty years. His specialties are additive manufacturing, hot working processes of metal materials, physical modelling, numerical analysis & simulation.



**Jason Ye**  
Technical Director, voestalpine High Performance Metals Pacific

Jason holds a Master's Degree in Material Processing. He has >35 years of experience working in academia, mold & die research institute and tooling industry. Jason joined ASSAB in 1994 as Technical & Heat Treatment Manager until 2013 when he moved to voestalpine HPM Pacific as the Technical Director responsible for all the technical matters including new product and process development across the Asia Pacific region. His specialties are in tool steels, AM powders, heat treatment, surface treatment and coating as well as die economy.



**Luciana Stuewe**  
Technical Director, MAGMA Engineering Asia-Pacific

Luciana holds a Master Degree in Materials Engineering and a Postgraduate in Foundry Engineering. She has >20 years of working experience in engineering and technology companies related to metal casting and polymer injection moulding industries. Luciana joined MAGMA in 2003 as a project engineer, and in 2008, she was responsible for the introduction of SIGMASOFT® in South America market. From 2013 to 2020, she was the key account manager to develop customers with focused in Aluminium and Cast Iron companies. In November 2020, she joined MAGMA Asia Pacific as the Technical Director.



**John Belyk**  
Global Business Development Director, Chem-Trend

John has been with the company for 32 years holding positions within technical service, sales and sales management, John brings forth a depth and breadth of process chemical specialty expertise that spans multiple industries and applications. In his current role, John executes strategic direction for the company's global die cast product line through leadership of Chem-Trend's technical team, development activities and marketing deliverables.



**Jaruyos Lertsuwannaroj**  
Regional Die Casting Sales Manager, Chem-Trend Thailand & Singapore

Jaruyos holds a Bachelor's Degree in Chemical Engineering and Master's Degree in Business Administration. He is currently the Regional Die Casting Sales Manager for Chem-Trend Thailand and Singapore. He joined Chem-Trend in 2008 and has more than 14 years of experience in the die casting industry. Prior to joining Chem-Trend, he spent 9 years on lubricants and metal working fluid for automotive industry which comprised of die casting processes.



**Rene Hordijk**  
Managing Director, Frech Asia

Rene spent last two decades creating and implementing advanced manufacturing solutions to increase OEE, digitalize and improve production processes across many industries, countries, and cultures in Asia Pacific. Especially in manufacturing for automotive, aerospace and Oil & Gas sector, but also in Housing and Building and other industries. He is always involved to bringing alloys into shape and within the tolerances as efficient and with the best quality possible.



**Vimalanand Devadass**  
Technical Manager, SIGMASOFT® Singapore

Vimal pursued his Master's Degree in Engineering Business Management from Coventry University. He is also certified in Lean Six Sigma Black Belt from Singapore Management University. With 20 years of experience in this industry, he built up vast practical knowledge in plastic processing, project leadership and production management. Vimal joined MAGMA Engineering Asia-Pacific in 2018 with main responsibilities in engineering, training and customer support for SIGMASOFT® in the Asia Pacific region.