



FREE WEBINAR

Smart connected product development is redefining academic curriculum

Thursday, May 27, 2021 10:00 a.m. SGT | 12:00 p.m. AEST

"Smart, connected products require a rethinking of design. At the most basic level, product development shifts from largely mechanical engineering to true engineering" - Harvard Business Review

True engineering entails convergence of technologies, domains, and faculties, and rather is at the centre of all product development revolution today.

It is therefore incumbent on academia to set the agenda, and define curriculum, which best supports the industry requirements – the rigour of multi-disciplinary thought and flexibility of adapting to and adopting fast changing technology – while meeting strict budgetary norms.

This webinar introduces you to how progressive companies at the forefront of innovation are undertaking smart product development using Altair's platform, and how Universities / academic institutions are adopting the same platform for redefining and modernising their curriculum to best fit the industry needs - apart from a good vista to undertake research projects, increase published research papers, and even IP creation.

Agenda

1. Smart product development – the new paradigm
2. Component technologies that enable smart product development platform – convergence of multiple technologies to facilitate True Engineering
3. Altair's academic program for easy adoption of technology, and collaboration opportunities
4. Guest Speaker – How a leading university successfully introduced campus wide technology platform and curriculum, improved research opportunities, while optimizing investments
5. Q&A

Who should attend

University Management, Dean, Faculty members (across all faculties), Lecturers, Professors, PhD and research students

Presenters



Prof. Ir Dr Shahir Liew
Deputy Vice Chancellor in Research, Innovation & Commercialization
Universiti Teknologi PETRONAS

Prof Ir Dr Shahir Liew obtained his Ph.D in Civil Engineering in 1987 from the USA. After spending more than 20 years in engineering consulting business, Prof Liew had joined the academics since 2009 as a faculty member and have published over 300 journals and articles. He had seen his academic career as the Head of Department, Dean of Faculty and is currently the Deputy Vice Chancellor in Research, Innovation and Commercialization since 2017 at Universiti Teknologi PETRONAS. Prof Liew focused on increasing the University engagement with the industry and is responsible to bring in sizeable industrial funding. In addition, one key venue in income generation is to utilize campus wide technology platform to support industry engagement. As a Chairman of Energy Institute Malaysia, Prof Liew is also a strong advocate in mentoring young and rising professionals.



Dr. Leow Cheah Wei, Ph.D. PJK
Director
Bymetrix Sdn. Bhd. (Altair Authorized Channel Partner)

Dr. Leow has more than 15 years in engineering software development, consultation, training and industrial automation. In his previous employment as application engineering manager with Techsource Systems, he manages a team of multi-disciplinary application engineers across ASEAN. He is also active in the engineering ecosystem where he serves as industry advisory panel in 2 Malaysian universities and has been a past chairman of the Electronic Engineering Technical Division under The Institution of Engineers Malaysia. He has successfully completed a CREST funded research project involving a multinational corporation and university as the research leader.



Aspandiyar Navalsha (Aspy)
Director Solutions Marketing - IoT
Altair

As Director Marketing for IoT, Aspy leads the marketing and communication team for promoting IoT solutions globally. He comes with over 23 years of cross-industry experience spanning technology sales and business development, marketing communication, brand consulting; and has worked through most of the emerging technologies during his career of more than 2 decades. A digital transformation enthusiast and advocate, he is responsible for driving ideas around smart product development, digital twin, IoT, and convergence of simulation, data analytics, and IoT; and is focused on evolving solutions that help customers meet their business objectives by leveraging these technologies.



Alexander James Quirk
Sales Manager
Altair Australia & New Zealand

Alex Quirk is the Sales Manager for Altair Australia & New Zealand. He is a chartered engineer with over 10 years' experience in engineering design and optimisation with Altair and holds a Master's of Engineering degree in Aeronautical and Aerospace Engineering from the University of Leeds in the UK. Alex started his career as a consultant with Altair Product Design in the UK, helping companies such as Airbus, Ferrari and AgustaWestland Helicopters design lighter, stronger and more efficient components and vehicles. He moved to Melbourne from England in 2016 as Technical Manager and became Sales Manager in 2020.

SAVE YOUR SPOT!

First Name*	Last Name*
<input type="text"/>	<input type="text"/>
Job Title*	Phone*
<input type="text"/>	<input type="text"/>
Company*	Industry (syncs to SF Lead)*
<input type="text"/>	Please Select <input type="text"/>
Business Email*	
<input type="text"/>	
Country*	
- Please Select - <input type="text"/>	

Altair and our resellers need the contact information you provide to us to contact you about our products and services. You may unsubscribe at any time. For information on how to unsubscribe, check out our [Privacy Policy](#).

Submit

Stay Connected

Ready to move forward? You've come to the right place. Sign up and start exploring the latest discoveries from Altair.

<input type="text" value="Email Address"/>	Submit
--	--------

Altair and our resellers need your email address to contact you about our products and services. You may unsubscribe from these communications at any time. For information on how to unsubscribe, as well as our privacy practices and commitment to protecting your privacy, check out our [Privacy Policy](#).



About Us

- | | | |
|-----------|-----------|-------------------|
| Company | Investors | Newsroom |
| Locations | Contact | Partners |
| Careers | Support | Email Newsletters |

Resources

- Customer Stories
- Webinars
- Featured Articles
- Downloads
- Documentation
- Community & Support
- Training
- Startup Program
- Academic Program

View All Resources

Products

- Data Analytics
- Electromagnetics
- Electronic System Design
- Fluids & Thermal
- HPC & Cloud
- Industrial Design
- Internet of Things
- Manufacturability
- Multiphysics
- Structural Analysis
- Structural Engineering - AEC
- Systems Modeling

View Our Products