In our daily lives, anti-infective agents are overused. Many of us are unaware of the health and environmental consequences of triclosan-containing products. This session discusses the research findings and benefits of a natural-inspired germicide alternative.

Herbal Industry Value Chain System (HerbaXpress)

HerbaXpress is a FRIM portal that offers information on the herbal value chain, demand for and supply of herbs and herbal-based products, statistics, and a directory of herbal players from upstream and downstream. This session provides information to those interested in starting a new venture in the herbal industry or those in need of assistance with their value chain system.

TVET Innovation and Technology as new frontiers of IR 4.0

Industry 4.0 is the birthplace of a new revolution, the much-touted Fourth Industrial Revolution, a synthesis of cutting-edge manufacturing techniques and intelligent systems that integrate with organisations and people. Come on a journey with us as we explore the technologies and innovations that will propel Technical and Vocational Education and Training (TVET) to the forefront of IR4.0.

After registration, you can log in to our platform anytime with just your email address and watch on the platform. These videos will be available on demand until 27th March 2022.
Mobile telephony is constantly evolving in order to meet society’s increasing demand for more and better communication services. Fifth-generation (5G) mobile communications networks are emerging as a game-changing technology that will hasten the development of smart cities and the realisation of the information society.

Meeting Indonesia’s Green Energy Road Map Ahead of Time through Innovations
DAY 2, TUESDAY, 22 MARCH 2022 (2.00 pm (GMT+8) SG/MYT)

The Indonesian government has reaffirmed its commitment to a green economy by including low-carbon and climate resilience development as priorities in the National Medium-Term Development Plan (RPJMN) for 2020–2024. This is a significant achievement for Indonesia because it is the first time that green aspects and indicators have been included in the country’s national development plan. Find out what innovations will help them meet their goals.

Protect Your Innovations with Intellectual Property Rights: A Case Study on Amazon
DAY 2, TUESDAY, 22 MARCH 2022 (3.30 pm (GMT+8) SG/MYT)

The critical inventions, patents, or personal expertise that propels your innovations to market are known as knowledge assets. Amazon’s success is dependent on knowledge assets, as their competitive advantage is based on data mining and digitalization rather than physical goods. As a result, according to the World Intellectual Property Organization, Amazon has over 5,000 patents. Learn the finer points of how to protect your innovations using Amazon as an example from our expert.

The Future of Mobile Communication: Towards 5G and Beyond
DAY 2, TUESDAY, 22 MARCH 2022 (10.30 am (GMT+8) SG/MYT)

Mobile telephony is constantly evolving in order to meet society’s increasing demand for more and better communication services. Fifth-generation (5G) mobile communications networks are emerging as a game-changing technology that will hasten the development of smart cities and the realisation of the information society.

Frontier in Agricultural Innovations for a Better Nation
DAY 3, WEDNESDAY, 24 MARCH 2022 (10.30 am (GMT+8) SG/MYT)

The emphasis on sustainable farming and newer agricultural technologies continues to take centre stage. Agritech startups and traditional farmers are implementing cutting-edge solutions and trends to improve food value chain production. This includes embracing newer technologies such as cloud-based solutions and other innovative agricultural management techniques to increase farmer efficiency and crop yield.

After registration, you can log in to our platform anytime with just your email address and watch on the platform. These videos will be available on demand until 27th March 2022.
Innovation and Technology:
E-Sports is the new frontier
DAY 3, WEDNESDAY, 24 MARCH 2022 (2.30 pm (GMT+8) SG/MYT)

E-Sports is the new sports today. E-sports is a competitive tournaments of video games, especially among professional gamers. According to the statistics, the gaming industry has drastically grown over the years. With new games emerging like PUBG, Fortnite, Call of Duty, Dream11 and many more popular games, there is a huge growth in the Esports arena.

Research Impact through Collaboration, Commercialisation and Engagement
DAY 3, WEDNESDAY, 24 MARCH 2022 (11.30 am (GMT+8) SG/MYT)

This session will take you on a journey through the speaker’s experience of pushing through the SDG agenda that was triggered by Impact Rankings back in 2019. The audience will gain valuable additional learning to what creates Impactful research and how through collaboration, commercialisation and engagement.

Valuation Of R&D Findings Towards Commercialisation
DAY 4, THURSDAY, 24 MARCH 2022 (10.30 am (GMT+8) SG/MYT)

R&D is important for businesses because it provides powerful knowledge and insights, leads to improvements to existing processes where efficiency can be increased and costs reduced. It also allows businesses to develop new products and services to allow it to survive and thrive in competitive markets.

Human capital development is a critical enabler for driving and sustaining Malaysia’s growth. An efficient and inclusive labour market will resolve mismatches in workforce demand and supply. In this unique session, we will bring 3 different perspectives from leaders within Malaysia’s higher education sector with a common theme “Accelerating Human Capital Development for an Advanced Nation”.

Accelerating Human Capital Development for an Advanced Nation
DAY 3, WEDNESDAY, 24 MARCH 2022
(11.30 am (GMT+8) SG/MYT)

Research Impact through Collaboration, Commercialisation and Engagement
DAY 3, WEDNESDAY, 24 MARCH 2022 (11.30 am (GMT+8) SG/MYT)

Innovation and Technology:
E-Sports is the new frontier
DAY 3, WEDNESDAY, 24 MARCH 2022 (2.30 pm (GMT+8) SG/MYT)

Valuation Of R&D Findings Towards Commercialisation
DAY 4, THURSDAY, 24 MARCH 2022 (10.30 am (GMT+8) SG/MYT)

Go to platform now
Go to YouTube Channel

After registration, you can log in to our platform anytime with just your email address and watch on the platform. These videos will be available on demand until 27th March 2022.
Inovasi serta teknologi terkini dalam Meningkatkan Penyampaian Perkhidmatan Pentadbiran Awam

DAY 4, THURSDAY, 24 MARCH 2022 (11.30 am (GMT+8) SG/MYT)

The public sector is the world's largest service provider as a whole. Every incremental improvement in public services benefits millions of people. Knowing your customers and their needs is the first step in delivering on the customer promise. Explore the latest innovations and technology that lead to improved Public Administration Service Delivery in this session with our speakers.

25 March 2022 Highlights

“Remarkable Journey of Malaysian Prodigy Sisters”

DAY 5, FRIDAY, 25 MARCH 2022 (10.30 am (GMT+8) SG/MYT)

Being local born, bred and schooled, the sisters reached a milestone of their lives at the tender age of just 12 & 14. At the age when most pupils would move from primary to secondary school, Ms. Tan Qi Ning and Ms. Tan Qi Yu were poised for university studies. They both graduated from the International General Certificate of Secondary Education (IGCSE) and registered in Quest International University at that young age.

Innovation and Technology:
A global OnLIVE Learning Platform

DAY 5, FRIDAY, 25 MARCH 2022 (11.30 am (GMT+8) SG/MYT)

ReSkills was born from a mission to provide accessible and affordable education to people everywhere. It aims to accomplish this through nine exclusive educational programs, each covering a different medium and aspect of online learning.

Go to platform now

Go to YouTube Channel

After registration, you can log in to our platform anytime with just your email address and watch on the platform. These videos will be available on demand until 27th March 2022.
Innovation Awards 2022
Result Announcement

Public Service Innovation Awards 2022 Result Announcement
DAY 4, THURSDAY, 24 MARCH 2022 (2.30 pm (GMT+8) SG/MYT)

Asian Youth Innovation Awards 2022 Result Announcement
DAY 4, THURSDAY, 24 MARCH 2022 (3.30 pm (GMT+8) SG/MYT)

International Innovation Awards 2022 Result Announcement
DAY 5, FRIDAY, 25 MARCH 2022 (2.30 pm (GMT+8) SG/MYT)

Go to platform now
Go to YouTube Channel

After registration, you can log in to our platform anytime with just your email address and watch on the platform. These videos will be available on demand until 27th March 2022.
Innovation Marketplace

Visit the Innovation Marketplace Hall at MTE 2022 for more cutting-edge products and services. Stay tuned as we showcase other notable innovations in our Show Daily.

Early Childhood Learning via STEM Module: Learning Local Fruits Through Augmented Reality & Games
University Malaysia Sabah, Jabatan Kemajuan Masyarakat (KEMAS) & IPPK Gaya Kota Kinabalu

A Multifunctional Stepladder
Multimedia University

iFLOOD GAUGE
Department of Irrigation and Drainage Malaysia

On-site Solution for Shrimp Health Detection (SHOS-Spotter)
Fisheries Research Institute Malaysia

Multimedia University

A Multifunctional Stepladder
Multimedia University

Malaysian Banknotes Reader Featuring Counterfeit Detection for RM1 and RM5 Using Front-Backlight Mechanism and Image Processing Techniques
Multimedia University

s-BioChaR Sustainable Biochar Reactor
Universiti Malaysia Sarawak (UNIMAS)

Early Childhood Learning STEM Module: Local Fruits Through Augmented Reality & Games

KKTM Ledang Alumni platform (KLAp)
Kolej Kemahiran Tinggi MARA (KKTM) Ledang

On-site Solution for Shrimp Health Detection (SHOS-Spotter)
Fisheries Research Institute Malaysia

Visit the marketplace now
**Eurobusiness-Haller**

From the beginning of our activity, we have been successfully promoting Polish scientific and technical achievements at international and national inventions fairs. As a translation agency, we offer our clients the highest quality services. We translate - into many languages - both general texts and specialist documents in various fields. Our translators have many years of experience and the highest linguistic and technical qualifications. We offer our clients over 20 years of experience, knowledge and tools that ensure the possibility of expanding their activities to new market areas, substantive support provided by the training offer and consulting performed by cooperating specialists in the field of law, taxes and organization, as well as assistance in international trade contacts without language barriers.

---

**PERTAMINA Corporation**

Pertamina has strong commitment to providing energy and developing new and renewable energy in order to sustain the national energy security and self-sufficiency. As a holding company in energy sector officially announced by Indonesia’s Ministry of State Enterprises on June 12th, 2020, Pertamina now plays a strategic role to lead five sub-holdings in energy, i.e. Upstream Sub-holding whose operation is placed under PT Pertamina Hulu Energi, Gas Sub-holding which is operated under PT Perusahaan Gas Negara, Refinery & Petrochemical Sub-holding which is operated under PT Kiland Pertamina Internasional, Power & NRE Sub-holding managed under PT Pertamina Power Indonesia, and Commercial & Trading Sub-holding operated under PT Patra Niaga. Adding to that, Pertamina also operated Shipping Company through PT Pertamina International Shipping.

---

**Sekolah Kebangsaan Dato’ Wan Kemara**

This invention introduces a mask quality detector for detecting the quality of face masks. It is easy to use without needing any special training. It is developed using a thermal imaging sensor and can detect the heat that comes out of the face mask itself. With this mask detector device, it can help people to not become vulnerable because of their contaminated and unusable face mask while being in a store premise with many other people. Some people uses his or her face mask repeatedly for several days. This causes the face mask to be in a dire state and is not suitable to defend the user from the COVID19 threat. This causes the person who wears the same face mask to get infected and spreading it without knowing it. Hence, face mask quality detector devices are compulsory in the prevention of COVID-19 spreading and contaminate public places.

---

**Universiti Malaysia Perlis**

Universiti Malaysia Perlis (UniMAP) is Malaysia’s 17th public institution of higher learning. Approved by the Malaysian Cabinet in May 2001, it started off as a university college - Kolej Universiti Kejuruteraan Utara Malaysia (KUKUM). The institution’s first intake comprised 116 engineering students who began classes in June 2002. In February 2007, KUKUM was upgraded to a full- fledged university and renamed Universiti Malaysia Perlis (UniMAP). The university is one of only four technical universities in Malaysia.
National Center Junior Academy of Sciences

Founded nearly 70 years ago, the JAS of Ukraine is a public educational system that supports young Ukrainian scientists and organizes and coordinates students’ research activities for education and development. We hold olympiads and competitions for students and create scientific departments and sections all around Ukraine, combining learning and fun. We also offer educators opportunities for professional development and teaching materials so that interesting lessons do not cost sleepless nights. We have opened the first state interactive Museum of Science in Kyiv, and there is more to come. The JASU also has its own publishing house of children’s literature.

Rajamangala University of Technology Thanyaburi Thailand

The development of hyacinth furniture products for home living. It is essential to have furniture for use in various applications, creating a prototype of furniture from hyacinths, using the principles of folk wisdom, conveying it to future generations. Choosing weeds like hyacinths Therefore, the application of these materials has been created as products in the process and patterns of the hyacinth weaving community, developing patterns and technical knowledge of the process of producing water hyacinth furniture as a model for the community. Locally, with product designers, it generates more revenue for the community.

Politeknik Ibrahim Sultan

Our organisation provide more about industrial design services. Which is scope to do the product design, furniture design, transportation design. Not only that, from this course, we’re able to learn the techniques of design by using CAD Softwares as well. It might can get us a chance to achieve in innovative services. This course’s career will be include as designer, Interior designer, architect, and etc. Following to the next, In this course we’re able to learn a lot of softwares such as Adobe photoshop, Adobe illustrator, autocad, Solidworks, catia and Keyshot. Which is various software to be more intelligent in this course.

Taylor’s University Sdn. Bhd.

Taylor’s University is ranked the top private university in Malaysia and Southeast Asia, placing us among the world’s top flight universities. This follows our achievement of being one of the few Asian universities rated 5 Stars for Online Learning, acknowledging the world-class education we provide for our students. Taylor’s. Strive to be the best.
About Malaysia Technology Expo

Malaysia Technology Expo (MTE) is an annual event that offers a unique platform for universities, research institutions and enterprises, small and large, to present new innovations and technologies. The aim is to promote efforts to continuously improve current solutions and to develop cutting edge technologies and solutions at all stages of the value chain. It is also intended to encourage inventors, entrepreneurs, suppliers to promote their products or technologies by entering them for this highly successful and internationally recognised competition.

Every year, inventors and innovators from all around the world converge to compete in the prestigious MTE Innovation Awards Programme. By recognising excellent ideas and innovations, we have had more than 20 local and overseas international inventors’ associations and research institution partners have supported us over the past decade awarding special awards to outstanding inventions and breakthroughs.

In addition to the awards, MTE has an Innovation Marketplace that offers exhibitors to display their most creative solutions and practical scalable technology to the highest quality investors and network with a diverse pool of enthusiasts wanting to celebrate their developing company.

About the Organiser

PROTEMP started in 1984, and to date, we have produced more than 300 events. In our formative years, we managed successful events for overseas Organisers before organising our own business events. Our team is based in Kuala Lumpur and trained in Project Management and ISO 9001:2008 Quality Management System.

Our project management processes are fine tuned for digital events fulfilment. We are currently rolling out hybrid events, as we believe hybrid formats are here to stay, and we are committed to plan ahead to stay ahead.

We host, produce and manage business-to-business Conferences, Meetings, Exhibitions, and Awards of different sizes and scale. From large international and multi-track Conferences and exhibitions of over 10,000 participants to small Zoom meetings or webinars, we help you to deliver the desired brand experiences and meaningful connections. We understand the true meaning and importance of exceeding customer expectations, and we have over the years designed and refined a robust hybrid system of project and quality management to manage events successfully all over Asia.

For enquiries, please contact

PROTEMP EXHIBITIONS AND CONFERENCES SDN BHD (SSM No. 199901017179)
(603) 6140 6666  mte@protempgroup.com  www.mte.org.my

Malaysia technology expo  Malaysia technology expo  Malaysia technology expo  LinkedIn
MTE_2022  @MTE_2022