



PROGRAMME BOOK

BUILD UP LINKAGES TOWARDS INDUSTRIAL REVOLUTION 4.0

Jointly Organised by

German Embassy Kuala Lumpur & Universiti Tun Hussein Onn Malaysia

Faculty of Mechanical and Manufacturing Engineering & German Academic
Exchange Service (DAAD)

my **FKMP DAAD**

Deutscher Akademischer Austauschdienst
German Academic Exchange Service



**19 FEB
2020**



**DEWAN SULTAN IBRAHIM (DSI),
UNIVERSITI TUN HUSSEIN ONN MALAYSIA**



Embassy
of the Federal Republic of Germany
Kuala Lumpur



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



Message from Ambassador

Welcome to the German Day 2020 at UTHM!
Herzlich Willkommen zum Deutschen Tag 2020 an der UTHM!

It is great to have a "German Day" at UTHM. Cooperation between German and Malaysian universities are becoming ever closer. Each year,

approximately 1,000 young Malaysians pursue their studies at German universities. There are currently 100 cooperation and the interest keeps on increasing, be it for double degree programs, joint research projects or student and staff exchange.

Germany is one of the world's leading nations in tertiary education and a hub for international scientists. World class research institutions such as Fraunhofer, Max Planck, Helmholtz as well as our universities conduct fundamental and applied research. I invite you to explore the study and research opportunities during this German Day.

The success of Germany's strong economy is the best indicator of our innovative education and research system. "Made in Germany" is a seal of excellence recognized all over the world. To be innovative, it is crucial to be open to new ideas and international developments, and especially to growing economies such as Malaysia's. Currently, there are almost 400 German companies in Malaysia, primarily in the electronics, chemical and automotive industries. We invite you to learn more about this during the event.

Apart from the Business and Education Fair, we are proud to offer German movies and language information. I would like to express my heartfelt appreciation to the organizing team of UTHM as well as all the partners for their strong commitment and support.

Wishing all participants a fruitful and rewarding German Day, I remain with my best wishes.

H.E. NIKOLAUS GRAF LAMBSORFF
The German Ambassador to Malaysia



Message from Vice Chancellor

The relation between Malaysia and Germany is principally based on the two countries' intensive cooperation. Germany observes Malaysia as an important and stable partner in Southeast Asia, a leading member of ASEAN and a moderate representative of the Islamic world. In higher education, there are over 90 cooperation agreements between German and Malaysian

universities. The year of 2020 brings a new opportunity to both Germany and Malaysia through the organization of German Day 2020 @ UTHM.

Universiti Tun Hussein Onn Malaysia (UTHM) is one of the public universities in Malaysia primarily focusing on Engineering and Technology. UTHM is strategically located in green sub-urban environment of Batu Pahat, Johor which is about 3 hours drive to Kuala Lumpur and 1.5 hours to Singapore via North-South Expressway (NSE). Through our tag line "UTHM Produces Professionals", the education and training practice in this university is a continuous effort to become the leader in market oriented academic programmes. These programmes are student-focused and are conducted through experiential learning in order to produce well trained human resource and professionals who are catalysts for sustainable development.

UTHM is a key driver of university cooperation between Malaysia and Germany. UTHM has collaborated with Fraunhofer IEM and established the Innovation Lab as one of the initial steps towards championing innovations in the digital transformation. In the Technical and Vocational Training (TVET) and Dual Vocational Training (DVT) UTHM has collaborated with Technical University Dortmund and University of Applied Sciences Osnabrück. More cooperation projects are in the pipeline.

A big number of German companies in Malaysia have flourished and contributed to the economy of Malaysia. Through a great linkage and encouraging economic ecosystem, it is believed that cooperation between German companies with UTHM could spur ahead. Wishing all a fruitful day. Thank you.

PROFESSOR DATUK TS. DR. WAHID BIN RAZZALY
 Vice-Chancellor
 Universiti Tun Hussein Onn Malaysia

Opening Ceremony (Main Hall)



**19 FEB
2020**



**DEWAN SULTAN IBRAHIM (DSI),
UNIVERSITI TUN HUSSEIN ONN MALAYSIA**

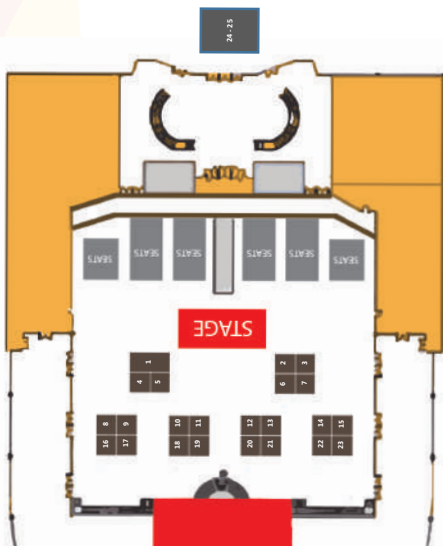
<i>Time</i>	<i>Topic</i>
08:30	Arrival of public & invited VIPs. Exhibition opens.
09.00	Arrival of VVIPs.
09:20	VVIPs. Entering Hall.
	Anthems <ul style="list-style-type: none"> • Lagu Bangsa Johor • Malaysian national anthem • German national anthem
	Welcoming Remarks, Dean FKMP UTHM
	Speech, German Ambassador
	Officiating Speech, VC UTHM
	Officiating Ceremony / Montage
	MoU Exchange: Fraunhofer, Osnabrueck, Muehlbauer
	Exchange of Token VC UTHM to German Ambassador, DAAD
	Chamber Orchestra – DSKL Sinfonietta
	VIPs visit booths
	Press Conference
	Lunch for VIPs
	VIPs visit to Innovation Lab
13:45	End

Programme Overview

Time	Exhibition & Talk Venue: Main Hall	Education & Culture Venue: Banquet Hall	Side Events
08:30	Booth Visit Opens		
09:30	Opening Ceremony (Slide #1)		
11:15	Talk 1: Study in Germany Talk 2: Sunway University Talk 3: German Educare	Movie screening " Amelie Rennit " by Goethe-Institut	<ul style="list-style-type: none"> ➤ Motor Show ➤ Football Wall ➤ Food Stalls ➤ German language games ➤ Lucky Draw ➤ STEM activities ➤ Blood Donation
12:00		Lunch break	
14:00	Talk 4: Allianz Talk 5: Dermatolog Talk 6: Mühlbauer Talk 7: Mercedes	Keynote 1: Education & Research in Germany Mr. Trenaman, DAAD Keynote 2: Working with German Companies Mr. Romer, M2 Mindmatters	
15:00	Talk 8: SternMaid Talk 9: Knauf Insulation Talk 10: Mosca Talk 11: Schmid+Clemens Talk 12: Oryx	Keynote 3: Germany's Dual Education System Prof. Hoffmann, HS Osnabrueck Keynote 4: Work-based Learning in Aerospace & Aviation Dr. Omar & Dr. Syafiq, UTHM	
16:00	Talk 13: Festo Talk 14: BASF Talk 15: Siemens Talk 16: BMW	Keynote 5: Enabling Innovation Mr. Wegel, Fraunhofer IEM Keynote 6: German – A World of Opportunities Ms. Kropidlowski, Goethe-Institut Malaysia	
17:00		End	

Booth Directory

No	Institution/Company
1	Universiti Tun Hussein Onn Malaysia
2	German Embassy Kuala Lumpur
3	German Academic Exchange Service (DAAD)
4	Fraunhofer Institute for Mechatronic Systems Design
5	University of Applied Sciences Osnabrueck/ European Institute for Air Quality
6	Goethe-Institut
7	German School Kuala Lumpur
8	German Educare
9	German-Malaysian Institute
10	Study Germany
11	Sunway University
12	Allianz
13	Dermalog
14	Mosca
15	Schmidt + Clemens
16	Universiti Putra Malaysia
17	Festo
18	Beckhoff
19	Siemens
20	Muehlbauer
21	SternMaid
22	TDK Electronics
23	Oryx
24-25	Mercedes



Education, Research and Culture

DAAD

Deutscher Akademischer Austauschdienst
German Academic Exchange Service

**SUNWAY
UNIVERSITY**



A CLASS ABOVE

GMI



GERMAN EDUCARE™



STUDYGERMANY

tu technische universität
dortmund



Fraunhofer
IEM



HOCHSCHULE OSNABRÜCK
UNIVERSITY OF APPLIED SCIENCES



The Technology Museum
Malaysia Technical System Certification Center, Johore

it's owl



UNIVERSITÄT
PADERBORN



GOETHE
INSTITUT

Industry



DERMALOG

THE BIOMETRICS & SECURITY
INNOVATION LEADER



KNAUF INSULATION

FESTO



BECKHOFF



SIEMENS
Ingenuity for life



German Higher Education and Research Landscape

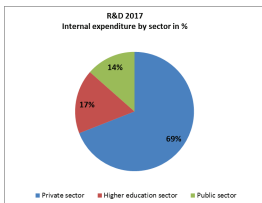


Discover the Land of Ideas

German universities have an outstanding reputation throughout the world. Germany has approximately 426 higher education institutions with 2.86 million students, 394,600 (13.8%) of which are international.

The main types of higher education institutions in Germany are:

- # Universities (emphasis on research and combination of teaching and research)
- # Universities of applied sciences (offer practise-oriented studies and applied research)
- # Colleges of Art, Film and Music

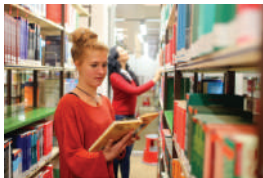


Research community in Germany is shaped by universities, research institutions and extensive research by industry. One special characteristic of R&D in Germany is the non-university research institutions. These largely belong to the four major, internationally renowned research institutions, namely Max Planck Society, Fraunhofer Gesellschaft, Helmholtz Association and Leibniz Association.

In 2017 more than 100 billion euros was invested in the R&D.



www.study-in-germany.de
www.research-in-germany.org



Faculty of Mechanical and Manufacturing Engineering



4 DEPARTMENTS

Mechanical
Manufacturing

Aeronautic
Post Graduate

Research Groups

1

**CENTER OF
EXCELLENCE**

3

**CENTER OF
RESEARCH**

19

**FOCUS
GROUPS**

Undergraduate Programmes

- B. in Mechanical Engineering with Honours
- B. in Aeronautical Eng. Technology (Professional Piloting) with Honours
- B. in Aeronautical Eng. Technology (Aircraft Maintenance) with Honours
- B. in Aircraft Manufacturing Engineering Technology with Honours
- Executive Diploma in Professional Piloting (with Frozen ATPL by CAAM)

Postgraduate Programmes

- PhD in Mechanical Engineering
- Master of Mechanical Engineering
- Master of Science In Materials Engineering (Mixed-mode)
- Master of Science In Manufacturing Engineering (Mixed-mode)
- Master of Science In Sustainable Energy Engineering (Coursework)



There are a lot more to say about FKMP.
Come and join us. Soaring High with FKMP.

visit our website
<http://fkmp.uthm.edu.my/>



Herzlichen Dank für Ihre Unterstützung!
Thank you for your support !
Terima kasih di atas sokongan anda !