

PROGRAM BOOK



5TH IRCMST 2022

**5th International
Research Conference on
Multidisciplinary in
Social Sciences and
Technology 2022**



**7th International Symposium
on Fluid Mechanics and
Thermal Sciences
(7th ISFMTS 2022)**

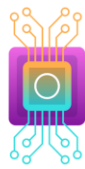


BAYVIEW
BEACH RESORT
PENANG • MALAYSIA

22-23 OCTOBER 2022

Organized By:





5TH IRCMST 2022

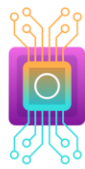
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WELCOME NOTE

Bismillahirrahmanirahim.

Assalamualaikum warahmatullahi wabarakatuh and Salam
Sejahtera.

On behalf of GAE, it is my great pleasure to welcome all the delegates to **7th International Symposium on Fluid Mechanics and Thermal Sciences (7th ISFMTS 2022)** and **5th International Research Conference on Multidisciplinary in Social Sciences and Technology 2022 (5th IRCMST 2022)**. The conference will be held at Bayview Beach Resort, Penang, Malaysia on 22nd and 23rd October 2022. These conferences provide a platform for scholars, intellectuals, professionals, academicians and researchers from various fields and disciplines to share and generate forum on the current local and global issues, address solutions to the problems and to provide opportunity for participants to exchange and share knowledge and information, establish business or research relationships and find global partners for future collaboration.



The conferences will be held through face-to-face and Online Video Presentation (OVP). You may refer on tentative programme, timetable schedule and OVP information below to know about the presentation. Whereas, for the publication process you will be informed through email after the conferences. All delegates also will received the e-certificates through email in a week after conferences.

Here, I also to give profound thanks go to the whole committee of conferences for the impressive work they have done. Nothing would be possible without the excellent work of a very hard-working committee. Additionally, I would like to warmly thank all the authors who, with their presentations, generously contributed to the lively exchange of knowledge and information that is so vital to the endurance of these conferences.

Thank you and my best wishes to all.

MUHAMAD FIRDAUS ABDULL RAZAB

CEO

Global Academic Excellence (M) Sdn Bhd



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TENTATIVE PROGRAM

22 nd October 2022	
Time	Activities / Program
8.15 am – 8.45 am	Registration (Hibiscus Room – M Level)
8.45 am – 9.00 am	Welcoming Address by Global Academic Excellence (M) Sdn Bhd (Hibiscus Room – M Level)
9.00 am – 10.00 am	Session 1 (Hibiscus Room – M Level)
10.00 am – 10.15 am	Photography (Hibiscus Room – M Level)
10.15 am – 10.30 am	Tea Break (Hibiscus Room – M Level)
10.30 am – 12.50 pm	Session 2 (Hibiscus Room – M Level)
12.50 pm – 2.00 pm	Break / Lunch (Coffee House / Ground Floor)
2.00 pm – 4.00 pm	Session 3 (Hibiscus Room – M Level)
4.00 pm – 4.15 pm	Tea Break (Hibiscus Room – M Level)
4.15 pm – 5.15 pm	Session 4 (Hibiscus Room – M Level)
5.15 pm – 5.30 pm	Closing Speech (Hibiscus Room – M Level)

23 rd October 2022	
Time	Activities / Program
9.00 am – 5.00 pm	Online Video Presentation

Notes:

- Each presentation will be 20 minutes, 15 minutes for presentation and 5 minutes for Q & A sessions
- Face-to-face presenter may use PowerPoint slide to present their paper.
- Face-to-face presentation will be schedule on 22nd October 2022.
- Online Video Presentation will be schedule on 23rd October 2022. The link of each video and slide presentation will be available on 23rd October 2022 in conference website.
- Participant can view Online Video Presentation Slot through our YouTube Channel _ Global Academic Excellence GAE (<https://www.youtube.com/channel/UCY0GQiQ5qY0kDT1VooKLrLw>) and Facebook (<https://www.facebook.com/GAExcellence/>)
- Participant can respond if there is any comment in the video. Presenter should answer any comment/question from audience.



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PRESENTATION TIME TABLE

SESSION 1 (9.00 am – 10.00 am)

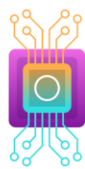
MODERATOR: Assoc. Prof. Dr. Khai Ching Ng

NAME (INSTITUTION)	TITLE
Zulkifli Abdul Ghaffar (Universiti Teknologi Mara)	Experimental Analysis of Tangential-Vane Swirl Atomizer Spray Angle
Rozli Zulkifli (Universiti Kebangsaan Malaysia)	Heat Transfer Performance of a Liquid Cold Plate for Cooling of the Electric Vehicle Battery
Norhanim Abdul Samat (Universiti Teknologi Malaysia)	Shifting to online creative arts using Mantle of the Expert: The impact of COVID-19 on Student Interest

SESSION 2 (10.30 am – 12.50 pm)

MODERATOR: Assoc. Prof. Azian Hariri

NAME (INSTITUTION)	TITLE
Khai Ching Ng (University of Nottingham Malaysia)	Numerical Modelling of Hydraulic Jump Using Mesh-based CFD method and Its Comparison with Lagrangian Moving-Grid Approach
Nurul Hafizah Maarof (Universiti Kebangsaan Malaysia)	Kriteria Kanak-Kanak Pintar Berbakat di Malaysia: Tinjauan Dari Perspektif Ibubapa
Norliza Mohd Zain (Universiti Teknologi Malaysia)	Dynamic Response of Heat Transfer in Magneto hydrodynamic blood flow through Permeable Bifurcated Artery with Overlapping Stenosis
Nur Syahirah Wahid (Universiti Putra Malaysia)	Dual Solutions of Blasius Hybrid Nanofluid Flow with Suction, Convective Boundary Condition, And Rosseland Thermal Radiation
Esam Jassim (Prince Mohammad Bin Fahd University)	Effect of Heat Capacity Ratio and Reynolds Number on The Energy and Exergy Performance of a Concentric Heat Exchanger
Noor Asnida Asli (Universiti Teknologi MARA)	The Effects of Zinc Oxide and Glutinous Tapioca Starch Nanoparticles in Inhibiting Fungal Growth
Mr. Shahidipak Mohammadreza (Islamic Azad University Central Tehran Branch)	TBA



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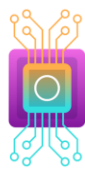
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SESSION 3 (2.00 pm – 4.00 pm)
MODERATOR: Prof. Ir. Dr. Rozli Zulkifli

NAME (INSTITUTION)	TITLE
Azian Hariri (Universiti Tun Hussein Onn Malaysia)	Comparison of Thermal Comfort Condition of Naturally Conditioned Semi-Outdoor, Courtyard and Indoor Air-Conditioned Spaces in Tropical Climate
Rusya Iryanti Yahaya (Universiti Putra Malaysia)	Hybrid Nanofluid Flow with Multiple Slips Over a Permeable Stretching/Shrinking Sheet Embedded in a Porous Medium
Norihan Md Arifin (Universiti Putra Malaysia)	Nanofluid Flow and Heat Transfer between a Stationary Nonpermeable Disk and a Permeable Rotating Shrinking Disk with Radiation and Heat Generation Effects
Noor Farizza Haniem Mohd Sohut (Universiti Kebangsaan Malaysia)	Dual Solution on MHD Mixed Convection Stagnation Point Flow of Micropolar Fluid Filled with a Hybrid Nanofluid Along a Vertically Surface
Ahmmad Shukrie Md Yudin (Universiti Malaysia Pahang)	Uniformity of Air Distribution through Distributors in a Fluidised Bed by using Computational Fluid Dynamics
Abdullah Al Mamun (International Islamic University Malaysia)	TBA

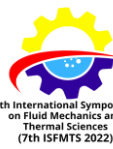
SESSION 4 (4.15 pm – 5.15 pm)
MODERATOR: TBA

NAME (INSTITUTION)	TITLE
Nur Hazirah Adilla Norzawary (Universiti Putra Malaysia)	Slip Flow Over an Exponentially Stretching/Shrinking Sheet in A Carbon Nanotubes with Heat Generation
Nur Syahirah Mohamad Hanafi (Universiti Kebangsaan Malaysia)	Numerical Analysis of Hybrid Nanofluid Heat Transfer Performance in Jet Impingement Cooling
Norfifah Bachok (Universiti Putra Malaysia)	Numerical Computation of Stagnation Point Flow and Heat Transfer over a Nonlinear Stretching/Shrinking Sheet in Hybrid Nanofluid with Suction/Injection Effects



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ONLINE VIDEO PRESENTATION INFORMATION

5TH INTERNATIONAL RESEARCH CONFERENCE ON MULTIDISCIPLINARY IN SOCIAL SCIENCES AND TECHNOLOGY 2022 (5TH IRCMST 2022)

Presenter: Siti Zaidah Turmin

Institution: Universiti Putra Malaysia

Paper Title: Tax Knowledge, Tax Attitude and Tax Authority Services- The Impact on The
Awareness of E-Commerce Taxation by Malaysian Individuals

Video Link: <https://youtu.be/zATw3yTlcCk>

Slide Link:

<https://docs.google.com/presentation/d/1uVgnVAyTrX2VLIfatndRMkF9xOGqBa71/edit?usp=sharing&oid=115942919083382869857&rtfpof=true&sd=true>

Presenter: Mohd Ikhmal Fadzil

Institution: Universiti Utara Malaysia

Paper Title: Peranan Polis Diraja Malaysia Dalam Menangani Wabak Covid 19 Ketika
Perintah Kawalan Pergerakan: Satu Kajian Konseptual

Video Link: <https://youtu.be/273JSJ5g6GQ>

Slide Link:

Presenter: Idawati Ibrahim

Institution: Universiti Utara Malaysia

Paper Title: Kepatuhan Zakat Perniagaan Di Wilayah Persekutuan Kuala Lumpur

Video Link:

Slide Link:

Presenter: Nur Nadirah Nordin

Institution: Politeknik Kota Kinabalu

Paper Title: Oral Communication Apprehension in A Group Discussion: A Case Study in
Politeknik Kota Kinabalu

Video Link: <https://youtu.be/ig4xj7qPnUM>

Slide Link:

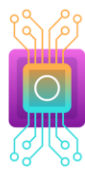
Presenter: Khairul Anuar Mohd Ali

Institution: Universiti Kebangsaan Malaysia

Paper Title: The Impact of Organizational Resilience on Travel Agency Corporate
Sustainability Post Covid-19

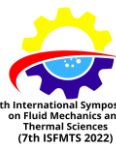
Video Link: <https://youtu.be/pTvnVCjNekw>

Slide Link:



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Presenter: Jessie Ray Mangundayao

Institution: Mindoro State University

Paper Title: Learning Experiences and Dimensions of Wellness of Indigenous 10th Graders

Video Link: https://youtu.be/Odix_ESdIoI

Slide Link:

<https://docs.google.com/presentation/d/1tryIIxAE04kAX6dCI82NWmcErAh45tIn/edit?usp=sharing&ouid=115942919083382869857&rtpof=true&sd=true>

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Presenter: Jessie Ray Mangundayao

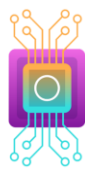
Institution: Mindoro State University

Paper Title: Women's Decision in Agriculture and Climate Change Variables: Implications
on Average Seasonal Harvest of Smallholder Corn Farmers

Video Link: <https://youtu.be/AfvV4AtFPms>

Slide Link:

https://docs.google.com/presentation/d/1tsown_Gle4jxDnP8EVz40AzkwYehPi6W/edit?usp=sharing&ouid=115942919083382869857&rtpof=true&sd=true



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Presenter: Arfie Ikhsan Firmansyah

Institution: National Research and Innovation Agency (BRIN)

Paper Title: Design of Ocean Current Blade Turbine 100 kW using Hydrodynamics Simulation Approach

Video Link: <https://youtu.be/CCNG8nnRYQE>

Slide Link: https://docs.google.com/presentation/d/1u_WZUbykFTedt-k0P4bVxsVDu2wS88D/edit?usp=sharing&ouid=115942919083382869857&rtpof=true&sd=true

Presenter: Murat Otkur

Institution: American University of Middle East, Kuwait

Paper Title: FSAE Single Seater Race Car Disc Brake Numerical Thermal Analysis: A Case Study

Video Link:

Slide Link:

Presenter: Nur`Ain Idris

Institution: Universiti Tun Hussein Onn Malaysia

Paper Title: An Improvement in Boundary Treatment of Solid Boundary Using ISPH Approach

Video Link:

Slide Link:

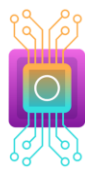
Presenter: Ariny Demong

Institution: Universiti Malaysia Sarawak

Paper Title: Effect of swirl gas injection on bubble characteristics in a bubble column Approach

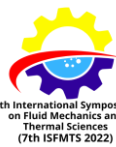
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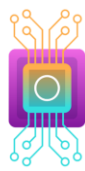


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CONFERENCE COMMITTEE

5TH INTERNATIONAL RESEARCH CONFERENCE ON MULTIDISCIPLINARY IN SOCIAL SCIENCES AND TECHNOLOGY 2022 (5TH IRCMST 2022)

Chairman	<i>Dr. Sabrina Adam - Universiti Teknologi Malaysia</i>
Technical Committee	<i>Norhaslinda Mohd Kamil - Global Academic Excellence (M) Sdn Bhd</i>
Technical Reviewer	<i>Ts. Dr. Siti Nuurul Huda Mohammad Azmin - Universiti Malaysia Kelantan</i> <i>Dr. Azlin Shafinaz Mohammad Arshad - Universiti Teknologi Mara</i> <i>Dr. Rohaidah Mashudi - Multimedia University</i> <i>Dr. Zetty Ain Kamaruzzaman - Universiti Malaysia Pahang</i> <i>Dr. Hanita Kadir Shahar - Universiti Utara Malaysia</i> <i>Dr. Hariyaty Ab Wahid - Universiti Pendidikan Sultan Idris</i> <i>Dr. Nik Alia Fahada Wan Ab Rahman - Universiti Malaysia Terengganu</i>
Liaison Officer	<i>Nuratikah Amid Dudin - Global Academic Excellence (M) Sdn Bhd</i>



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7TH INTERNATIONAL SYMPOSIUM ON FLUID MECHANICS AND THERMAL SCIENCES (7TH ISFMTS 2022)

Chairman	<i>Assoc. Prof. Dr. Nor Azwadi bin Che Sidik - Universiti Teknologi Malaysia</i>
Treasurer	<i>Zafira Zainudin - Global Academic Excellence (M) Sdn Bhd, Malaysia</i>
Technical Committee	<i>Norhaslinda Mohd Kamil - Global Academic Excellence (M) Sdn Bhd, Malaysia</i>
Technical Reviewer	<i>Prof. Dr. Ir. Sukamta - Universitas Muhammadiyah Yogyakarta, Indonesia</i> <i>Asst. Prof. Dr. Juntakan Taweekun - Prince of Songkla University, Thailand</i> <i>Asst. Prof. Dr. Mohammed W Muhildeen Al-Gailani - UCSI University, Malaysia</i> <i>Ts. Dr. Wan Azani Wan Mustafa - Universiti Malaysia Perlis, Malaysia</i> <i>Dr. Mohd Kamal Mohd Shah - Universiti Malaysia Sabah, Malaysia</i> <i>Dr. Norlila Mahidin - Global Academic Excellence (M) Sdn Bhd, Malaysia</i>
Liaison Officer	<i>Nuratikah Amid Dudin - Global Academic Excellence (M) Sdn Bhd, Malaysia</i>

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