



# ABSTRACTS OF THE INTERNATIONAL HALAL SCIENCE CONFERENCE 2023

*Theme*  
**HALAL INDUSTRY  
SUSTAINABILITY  
THROUGH SCIENCE**

*Organised by*  
**INTERNATIONAL INSTITUTE FOR HALAL RESEARCH AND TRAINING (INHART),  
IIUM, MALAYSIA  
HALALAN THAYYIBAN RESEARCH CENTRE,  
UNISSA, BRUNEI DARUSSLAM**

*Editors*  
**Noor Yuslida Hazahari  
Nurhusna Samsudin  
Haruna Babatunde Jaiyeoba  
Nor Asila Nazmi**



## HALAL INDUSTRY SUSTAINABILITY THROUGH SCIENCE

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Noor Yuslida Hazahari  
Nurhusna Samsudin  
Haruna Babatunde Jaiyeoba  
Nor Asila Nazmi  
(Editors)

# *Abstracts of the International Halal Science Conference 2023*

IHASC23 (22-23 August 2023)

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International Institute for Halal Research and Training (INHART), IIUM, Malaysia  
Halalan Thayyiban Research Centre, UNISSA, Brunei Darusslam

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Abstracts of the International Halal Science Conference 2023  
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**HALAL INDUSTRY SUSTAINABILITY THROUGH SCIENCE**

22<sup>nd</sup> & 23<sup>rd</sup> AUGUST 2023

**CONFERENCE BOOK of ABSTRACTS**



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22<sup>nd</sup> & 23<sup>rd</sup> AUGUST 2023

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## HALAL INDUSTRY SUSTAINABILITY THROUGH SCIENCE

# About International Halal Science Conference 2023

The International Halal Science Conference 2023 is jointly organised by the International Institute for Halal Research and Training (INHART), International Islamic University Malaysia (IIUM) and Halalan Thayyiban Research Centre, University Islam Sultan Sharif (UNISSA) with the theme – 'Halal Industry Sustainability Through Science'. Halal science could be defined as halal knowledge that is attained systematically through observation and experimentation study and practice to describe and explain the natural phenomena that relate to halal practice. Halal science is an important aspect that will support the integrity of what we called halal products or halal services. Halal itself is holistic and comprehensive such that the sciences of halal can sit anywhere in the spectrum of social science, humanities, applied science, and technology. With the increasing global interest in halal products and services, this conference which is jointly organised by INHART and UNISSA is timely.



## HALAL INDUSTRY SUSTAINABILITY THROUGH SCIENCE

# About Conference Organiser

The International Institute for Halal Research and Training (INHART) is a centre of excellence at the university level and is expected to be recognised as one of the Higher Institutions' Centres of Excellence (HiCoE) at the national level in the near future. INHART history begins with the establishment of a special centre dedicated to the halal industry – 'IIUM Halal Industry Research Centre' in July 2006. Prior to the birth of this centre, there were already pockets of activities related to the halal and halal industry by academic staff from various Kulliyahs. But with HIRcen, Halal activities at IIUM become more focused and better coordinated with the Research Management Centre becoming the monitoring body.

On 29th April 2017, the Halalan Thayyiban Research Centre was officially set up in an effort to materialise the titah of His Majesty Sultan Haji Hassanal Bolkiah Mu'izzaddin Waddaulah Ibni Al-Marhum Sultan Haji Omar 'Ali Saifuddin Sa'adul Khairi Waddien, Sultan Dan Yang Di-Pertuan Negara Brunei Darussalam during the 6th Hafl al-Takharruj 2016 Ceremony, UNISSA. Halalan Thayyiban Research Centre was inaugurated on the 7th Mahrajan Hafl al-Takharruj 2017 at the International Convention Centre, Berakas, Brunei Darussalam by His Royal Highness, Crown Prince (Dr) Haji Al-Muhtadee Billah Ibni His Majesty Sultan Haji Hassanal Bolkiah, Senior Minister at the Prime Minister's Office and Pro-Chancellor of UNISSA. The establishment of this centre has become a place for research, teaching and providing professional services to uphold the sanctity of the *Sunnah* of the Prophet Muhammad *Sallallahu 'alaihi wasallam*.



## HALAL INDUSTRY SUSTAINABILITY THROUGH SCIENCE

# Organising Committee

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## HALAL INDUSTRY SUSTAINABILITY THROUGH SCIENCE

# Remarks From Chairperson

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ  
السَّلَامُ عَلَيْكُمْ وَرَحْمَةُ اللَّهِ وَبَرَكَاتُهُ

As the Chairman and on behalf of the International Institute for Halal Research & Training (INHART), International Islamic University Malaysia (IIUM), it is my pleasure to welcome all speakers and delegates to the International Halal Science Conference 2023. This is the first conference jointly organized by the International Islamic University Malaysia (IIUM), and University Islam Sultan Sharif (UNISSA). The goal of this conference is to advocate conscious decision-making and facilitate Muslims in navigating the evolving scientific landscape while adhering to halal practices.

With the theme 'Halal Industry Sustainability Through Science', we hope that the International Halal Science Conference 2023 will provide a platform for researchers and relevant agencies from diverse backgrounds, perspectives, and interests to meet, exchange ideas, and strengthen their collaboration in halal research.

Finally, I would like to express my sincere gratitude to all the sponsors, committee members, and volunteers who have tirelessly made this conference possible. Let us harness the power of collaboration to drive positive change in our communities and the world at large. This conference would not be possible without the coordination and cooperation of many people.

Once again, I extend my warmest welcome to each and every participant of the International Halal Science Conference 2023. Let's make the most of this conference, and create lasting memories and valuable insights that propel us toward a brighter future in the halal industry.

Thank you.

### **PROFESSOR TS. DR. AZURA BT AMID**

Dean

International Institute for Halal Research & Training (INHART),  
International Islamic University Malaysia (IIUM)  
& Chairman of the Organizing Committee  
International Halal Science Conference (IHASC23)














HALAL INDUSTRY SUSTAINABILITY THROUGH SCIENCE

## Programme Schedule

22<sup>nd</sup> AUGUST 2023

- |   |               |   |
|---|---------------|---|
|    | 08:00 – 08:50 | Registration and Breakfast  |
|   | 09:00 – 09:40 | Keynote Speaker #1<br>Dr. Nur Rahman, Brunei Halal Foods<br><i>'Building a Halal National Ecosystem: Brunei's Experience'</i>                 |
|  | 09:40 – 10:20 | Keynote Speaker #2<br>Prof. Dr. Rohman, Universiti Gajah Madha<br><i>'The Current Updates and Trends in Halal Authentication'</i>             |
|  | 10:20 – 10:40 | Tea Break   |
|  | 10:40 – 12:45 | Opening Ceremony  |
|  | 12:45 – 14:00 | Break and Sponsor Slot<br>Lunch Break and Zuhur Prayer  |
|  | 12.00 – 16.00 | Halal Awareness Training  |
|  | 14:00 – 14:40 | Keynote Speaker #3<br>Ms. Zalina Idris, Halal Development Corporation Berhad (HDC)<br><i>'Strengthening the Halal Medical Devices Sector'</i> |
|  | 14:40 – 17.00 | Parallel Sessions 1   |

23<sup>rd</sup> AUGUST 2023

09.30 - 12.00

Navigating Halal Science Research: Insights into  
Molecular and Statistical Tools



10:45 - 11:00

Tea Break



11:00 - 11:40

Keynote Speaker #4

Mr. Norakmal Bin Mohamad, Department of Halal Management,  
Jabatan Agama Islam Selangor (JAIS)

*"Navigating Challenges in Halal Certification from an Authority  
Perspective"*



11:40 - 12:20

Keynote Speaker #5

Ms. Rozi Osman, Rozi Osman International PLT

*'Halal Pharmaceuticals: A Journey of Leadership Excellence'*



12:20 - 13:00

Closing ceremony



13:00 - 14:00

Break

Lunch Break and Zuhur Prayer



14:00

End of Day 2





جامعة السلطان الشريف علي الإسلامية  
UNIVERSITI ISLAM SULTAN SHARIF ALI

# Abstracts of the International Halal Science Conference 2023

INTERNATIONAL INSTITUTE FOR HALAL RESEARCH AND TRAINING  
(INHART),  
IIUM, MALAYSIA



HALALAN THAYYIBAN RESEARCH CENTRE,  
UNISSA, BRUNEI DARUSSALAM



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