

# INTERNALISING THE INFORMATION CULTURE WHILE BUILDING SOCIETY 5.0

*"Technological Mastery as the Basis for the  
Building of Civilisation of Humanist Society 5.0"*

**INTERNATIONAL CONFERENCE ON THE  
CONSTRUCTION OF SPIRITUALITY, HUMANITY AND  
TECHNOLOGY-BASED SOCIETY 5.0**  
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# Questions to Pursue:

- 01** What is Information Society?  
And what are its characteristics?
- 02** What are the desired behaviour  
to be achieved by Information  
Society?
- 03** How does Islam perceive  
Information Culture?
- 04** What are the emerging issues  
and trends?



# “Information Society”

“Information Society is a term for a society in which the creation, distribution, and manipulation of information has become the most significant economic and cultural activity.”



## INFORMATION TECHNOLOGY

Breakthroughs in  
information processing,  
storage, and transmission



## INFORMATION ECONOMY

Information resources  
increasingly become a  
source of wealth



## INFORMATION WORKFORCE

More clerks, teachers, lawyers,  
and entertainers outnumber  
coal miners, steelworkers,  
dockers, and builders.



## SOCIO- CULTURAL

extraordinary increase in  
the information in social  
circulation



# Declaration of Principles: Building the Information Society

*The World Summit on the Information Society 2003-2005 (ITU)*

- The Information Society should **respect peace and uphold the fundamental values** of freedom, equality, solidarity, tolerance, shared responsibility, and respect for nature.
- We acknowledge the **importance of ethics** for the Information Society, which should foster justice, and the dignity and worth of the human person. Emphasis on the **role of family in society**.
- The **use of ICTs and content creation** should respect human rights and fundamental freedoms of others, including personal privacy, and the right to freedom of thought, conscience, and religion.
- All actors in the Information Society should take **appropriate actions and preventive measures**, as determined by law, against abusive uses of ICTs.



# Information Culture in the Islamic Perspective



## INFORMATION IS A TRUST (AMANAH)

Not to be abused, misused, overused and underused.



## INFORMATION IS A BOUNTY (ANUGERAH)

To be utilized in accordance with its beneficial functions, for the benefit of self and others.

## INFORMATION IS A TEST (UJIAN)

To be accountable for in this world and hereinafter



## INFORMATION IS AN OBJECT OF DAKWAH (AKTUALISASI)

Should be utilized for the purpose of the glory of God as reflected in His mercy for all universe



# Internalising Information Culture from the Quran

*(2:31) Then Allah taught Adam the names of all things and presented them to the angels and said: "If you are right (that the appointment of a vicegerent will cause mischief) then tell Me the names of these things.*

وَعَلَّمَ ءَادَمَ الْأَسْمَاءَ كُلَّهَا ثُمَّ عَرَضَهُمْ عَلَى الْمَلَائِكَةِ فَقَالَ  
أَنْبِئُونِي بِأَسْمَاءِ هَؤُلَاءِ إِنْ كُنْتُمْ صَادِقِينَ

Al-Baqarah: 31

*(39:9) ... Ask them: "Are those who know equal to those who do not know?" Only those endowed with understanding take heed.*

قُلْ هَلْ يَسْتَوِي الَّذِينَ يَعْلَمُونَ وَالَّذِينَ لَا يَعْلَمُونَ إِنَّمَا يَتَذَكَّرُ  
أُولُوا الْأَلْبَابِ

Az-zumar: 9

*(17:36) Do not follow that of which you have no knowledge. Surely the hearing, the sight, the heart - each of these shall be called to account*

وَلَا تَقْفُ مَا لَيْسَ لَكَ بِهِ عِلْمٌ إِنَّ السَّمْعَ وَالْبَصَرَ وَالْفُؤَادَ  
كُلُّ أُولَئِكَ كَانَ عَنْهُ مَسْئُولًا

Al-Isra': 36



# PROPHET-GUIDED INFORMATION GOVERNANCE

- ❖ Info Dissemination: Emphasis on accuracy and clarity
- ❖ Info Gathering: Assigns specialist to gather espionage
- ❖ Info Management: Appoints secretaries among Companions
- ❖ Info Confidentiality: Classified info on subject matter and criticality, eg. Warfare affairs, Hijra plan, identities of *munafiqun*.
- ❖ Respects Privacy: Prohibits private surveillance
- ❖ Info Authenticity: Uses special seal
- ❖ Info Verification: Emphasises on *Tabayyun*



# Emerging Legal & Ethical Issues

## MISUSE OF PERSONAL DATA

Who owns the data? How can we control our personal data?

## INFORMATION VS HOAX

Why hoaxes are harmful? Why are they increasingly massive? How to stop that?.

## INTELLECTUAL PROPERTY

What amounts to intellectual property? Is there a way out to use others' IP?

## DEFAMATION

What amounts to a defamation? Does it apply to those who "merely" forward the content?

## ARTIFICIAL INTELLIGENCE

Can we leave critical decisions being automated and processed by machines/robot? Eg: Targeted advertisement, Credit rating, Criminal sentencing, Medicinal Analysis





**THANK YOU**

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Directorate of Postgraduate Programs University of Muhammadiyah Malang

# Webinar **INTERNATIONAL CONFERENCE**

The Construction of Spirituality, Humanity, and Technology Based Society 5.0

Topic:

## **Technological Mastery as the basis for the Building of Civilization of Humanist Society 5.0**

Saturday, 9<sup>th</sup> January 2021

Starting at 08.00 AM Western Indonesian Time

### **Publication**

- \* Proceeding\*
- \* Book Chapter
- \* Scientific journals

Articles can be sent via email [pascasarjana@umm.ac.id](mailto:pascasarjana@umm.ac.id) no later than **28<sup>th</sup> Nov 2020**



Keynote Speaker

**Dr. Sidik Sunaryo M.Si., M.Hum.**

Vice Rector IV University of Muhammadiyah Malang

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