

# SURAT TUGAS

No. : 082.a/K.6.4/ST-FAD/XII/2021

Dekan Fakultas Arsitektur dan Desain, Universitas Katolik Soegijapranata Semarang, memberikan tugas kepada :

Nama : Prof. Dr-Ing LMF Purwanto  
Status : Dosen Fakultas Arsitektur dan Desain Unika Soegijapranata  
Tugas : Sebagai Pemakalah dalam Webinar Internasional (International Webinar on Digital Architecture) dengan judul "THE FUTURE OF ARCHITECTURAL RESEARCH AS INFLUENCED BY DIGITAL ARCHITECTURE".  
Tempat : Zoom Online  
Waktu : 13 - 14 Desember 2021  
Lain-lain : Harap melaksanakan tugas dengan baik dan penuh tanggung jawab, serta memberikan laporan setelah melaksanakan tugas.

Semarang, 13 Desember 2021

Dekan,



**Dra. B. Tyas Susanti, MA., PhD**  
NIDN. 626076501

# CERTIFICATE OF PARTICIPATION

certificate no : 008 /VIII/IWD/2021

Presented to Verify the Participation

**L.M.F. Purwanto**

as

**SPEAKER**

with presentation title

**The Future of Architectural Research as Influenced by Digital Architecture**

at International Webinar on Digital Architecture (IWEDA) 2021  
that conducted on 13 - 14 December 2021



**Prasasto Satwiko**

Head of Architecture Department  
Universitas Atma Jaya Yogyakarta

KUM IAI : 2

**Khaerunnisa**

Head of Organizing Committee  
IWEDA 2021

**Ahmad Saifudin Mutaqi**

Chairman of The Institute of Architects Indonesia  
Chapter Daerah Istimewa Yogyakarta  
IAI - DIY



Department of Architecture  
UNIVERSITAS ATMA JAYA YOGYAKARTA



INTERNATIONAL  
WEBINAR ON  
DIGITAL  
ARCHITECTURE  
2021

# THE NEXT LEVEL

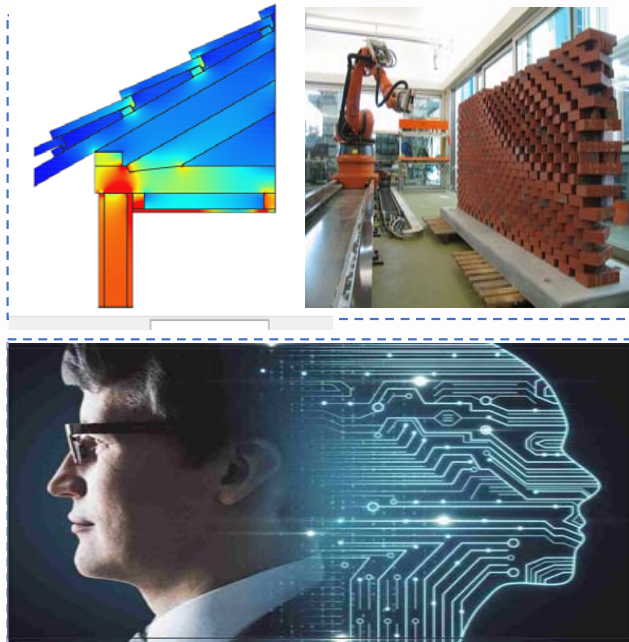
DECEMBER 13-14  
2021

## THE FUTURE OF ARCHITECTURAL RESEARCH AS INFLUENCED BY DIGITAL ARCHITECTURE

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Doctoral Program in Architecture  
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2021





- **Research on digital architecture is currently leading to the development of artificial intelligence, robots and software development**
- **digital architecture leads to simplify human life**
- **now, we need new ideas for digital architecture research**



- **We need to explore the truth from various points of view**
- **We often view scientific truth from only one point of view**
- **In this description, I try to look at scientific truth from a different perspective**



# Philosophy of Truth

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- » Ignorance of nature's ways led people in ancient times to postulate many myths in an effort to make sense of their world. But eventually, people turned to philosophy, that is, to the use of reason, with a good dose of intuition, to decipher their universe. Today we use reason, mathematics and experimental test, in other words, modern science.

# A Myth

5

- » A MYTH is a story or a vision based on the visionary experience of an individual, represented in metaphysically charged symbols, and presented to the community, in order to re-create and renew our ancient relationship to the universe.
- » MYTH speaks of the everyday reality in its deepest and most truthful essence, reminding us of the transcendent nature of our everyday existence.
- » MYTH speaks in a symbolic, poetic language that directly reveals to us the reality beyond simple linear or logical perception.

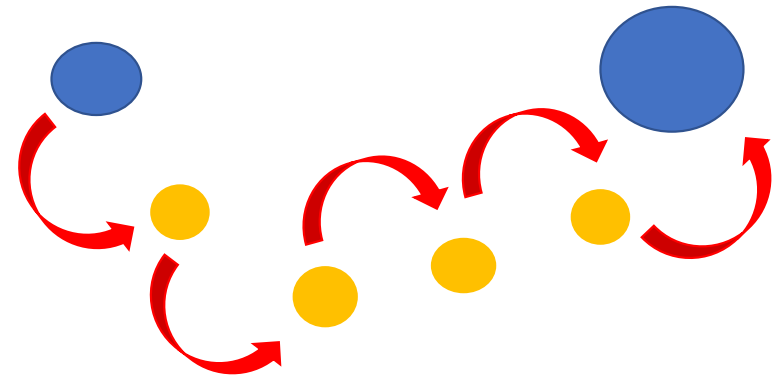
## Myth vs scientific thinking

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- » supernatural transfer energy directly



- » energy transfer scientifically performs energy conversion in many stages





# Telepathy

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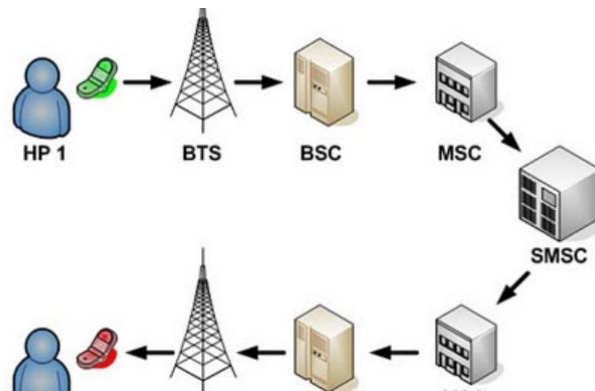
Telepathy is the purported vicarious transmission of information from one person to another without using any known human sensory channels or physical interaction. The term was first coined in 1882 by the classical scholar Frederic W. H. Myers, a founder of the Society for Psychical Research (SPR), and has remained more popular than the earlier expression thought-transference



# “Telepathy” in science

8

sound is converted into electrical energy, then emitted and then the energy is converted again into sound, all of which use tools



## communication with spirits

9

- » A seance is an attempt to communicate with spirits



## Seeing the invisible

10

- » we see Invisible Creatures and Objects as if they were visible, and you can see into the Ethereal Plane. Ethereal Creatures and Objects appear ghostly and translucent.



We can meet dead people with hologram

11



# Bilocation

12

- » Bilocation, or sometimes multilocation, is an alleged psychic or miraculous ability wherein an individual or object is located (or appears to be located) in two distinct places at the same time.
- » However, philosophers disagree as to whether a person can really be physically located in two places at once, but this is real, exists and does happen

# Bilocation with multiple meeting platforms



## Prambanan Temple

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In folklore, Bandung Bondowoso had to build a temple in one night, in order to marry Loro Jonggrang. Bandungbondowoso was almost able to complete the temple in one night with the help of the (unseen) genies





with technology we can build in one night

15

- » today using technology, we can build a building in one day and maybe the next in one night



## Conclusion

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- » Myth has truth according to time and its version
- » Myths provide a vision of the future
- » Myth and science are connected in different ways and have different applications
- » Myth often precedes science

**1. Myth has truth according to time and its version**

**2. Myths provide a vision of the future**

**3. Myth and science are connected in different ways and have different applications**

**4. Myth often precedes science**

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