

One Among Zeroes |0100|:

An Anthropology of Everyday AI in Islam

Daphne Wong-A-Foe | PhD Candidate | Cultural Anthropology | Social and Behavioural Sciences



**Universiteit
Leiden**
The Netherlands

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Introduction

Born and Raised in Paramaribo,
Suriname

BSc UX-Design at The Hague
University of Applied Sciences
“AR Game for Children with Cancer”

MSc Media Technology at LIACS,
Leiden University
*“EEG Variability in Jaran Kepang
Dancers”*

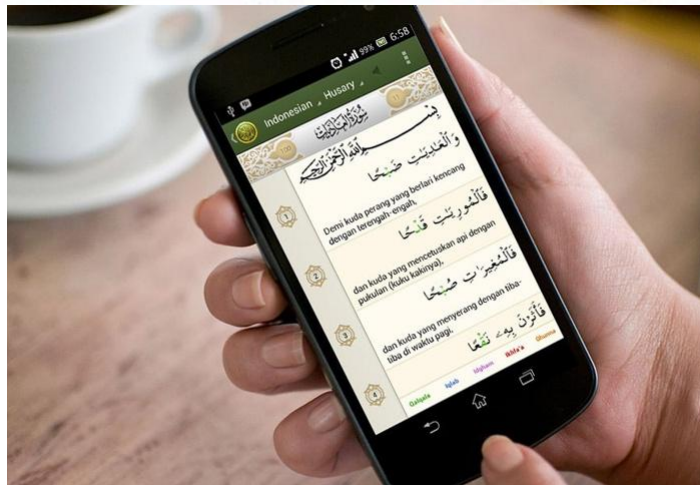
PhD Candidate in Cultural
Anthropology at Leiden University
*“Project |0100|: AI in Islam
(focusing on Education in Indonesia)”*

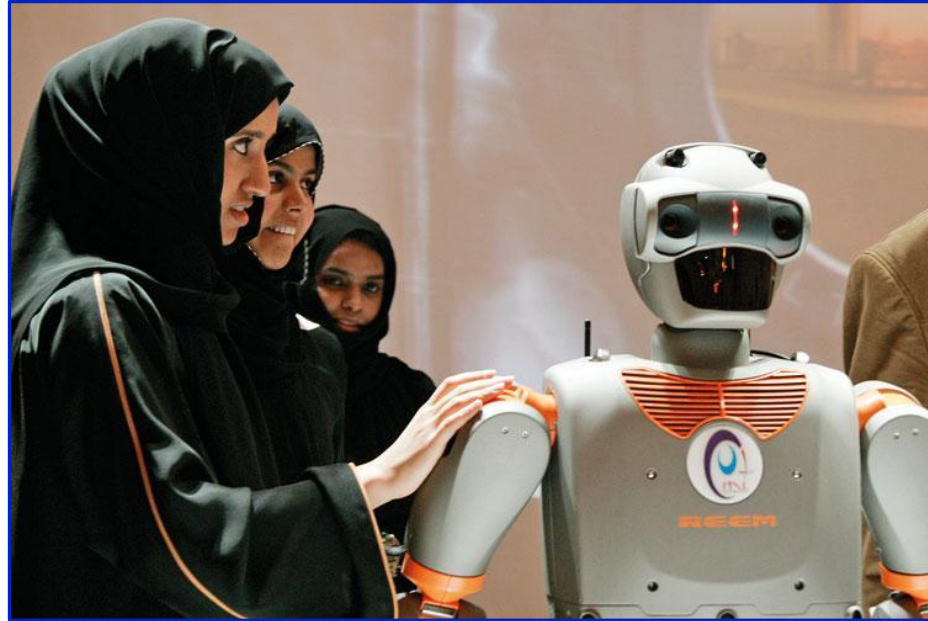


```
If ( ) {  
    //then...  
}
```

Faith & Technology; Faith IN Technology

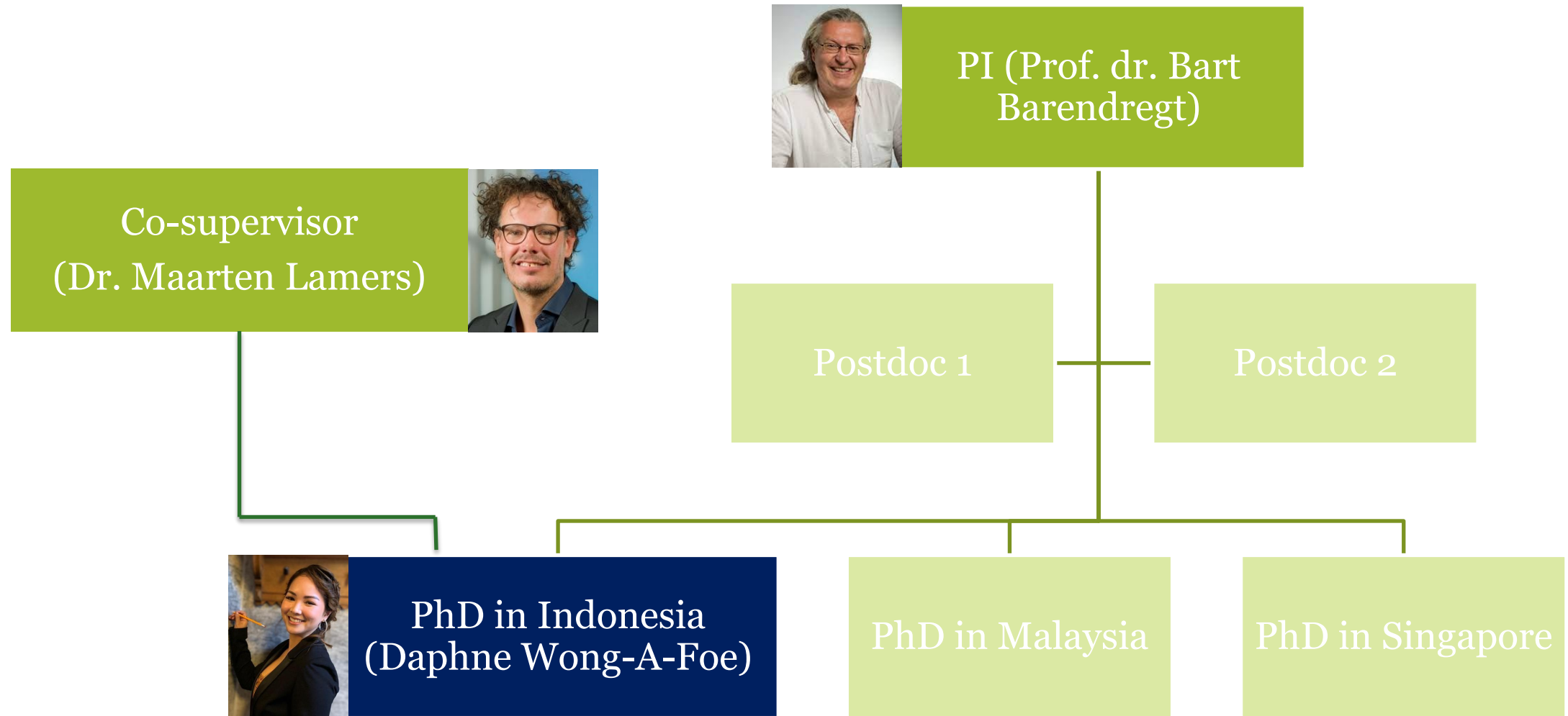






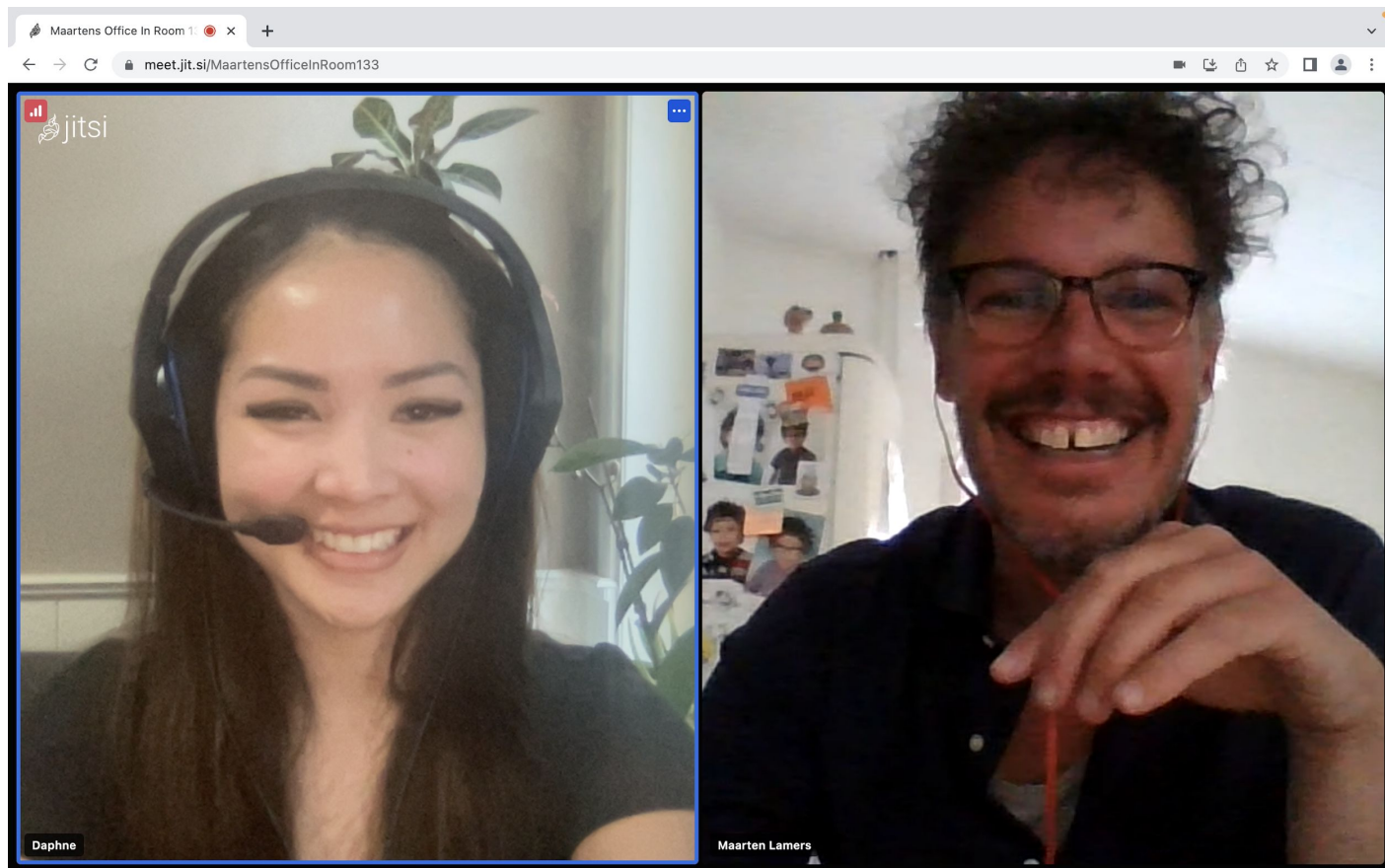
AI  **Southeast Asian Islam**

Project |0100| organisational structure

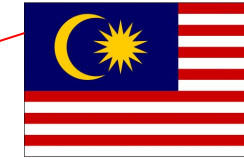




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Islam comes together in different guises
Individualized piety vs. bureaucratization



Malaysia

Population 31,8 million

Muslims 61,3 %

Islamic constitution



Singapore

Population 5,75 million

Muslims 14%

Muslim minority in a Smart Nation



Indonesia

Population 265,4 million

Muslims 87,2%

Largest Muslim country, but secular

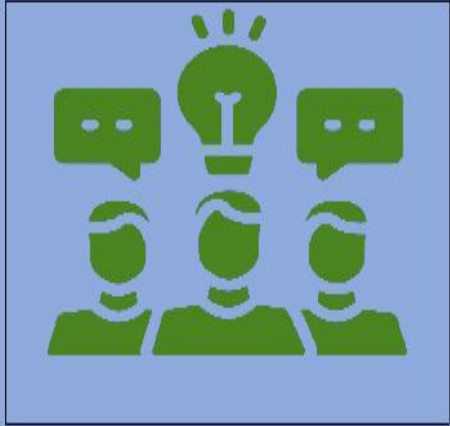


Areas and Cases

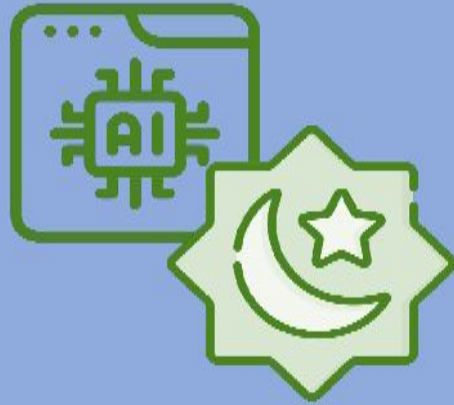


	AI Education	AI Entertainment	AI Self-Governance
Indonesia	X	*	*
Malaysia	*	X	*
Singapore	*	*	X

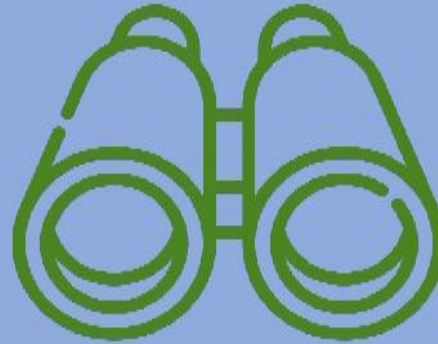
Our RQs



**Makers & Users of
AI in Islam**



**Relation AI
& Islam**



**What
Future Visions**



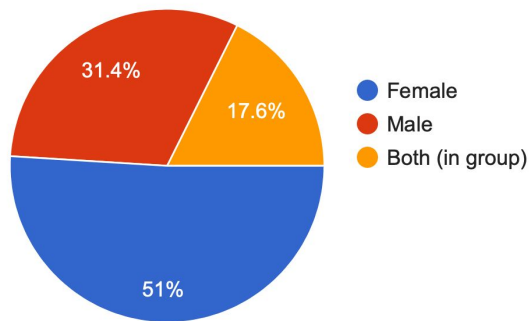
**How to make
Less abstract**

- (Q1) Who and what are the key actors of AI in Islam?
- (Q2) How and where do Islam and AI **converge** and **collide**?
- (Q3) Which futures are articulated by expert interpreters and users of AI in Islam in specific Southeast Asian contexts?
- (Q4) How do we understand and analyse the resulting challenges and dilemmas?

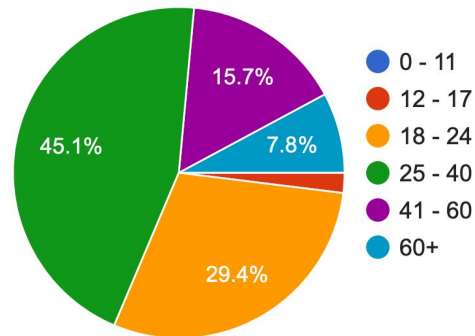
Preliminary Results (n = 71)

- What do you think is AI (Artificial Intelligence)?
- Do you like/are you against it?
- Where can I study about AI?
- What will the future of Indonesia look like with AI?

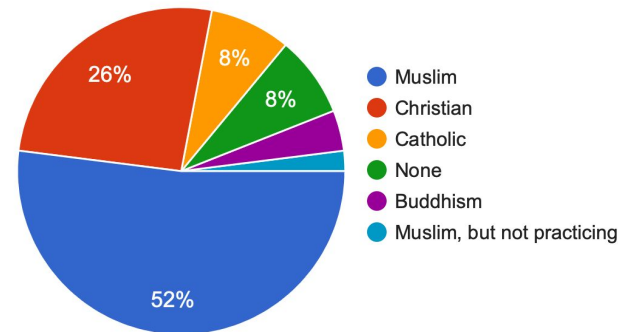
Gender



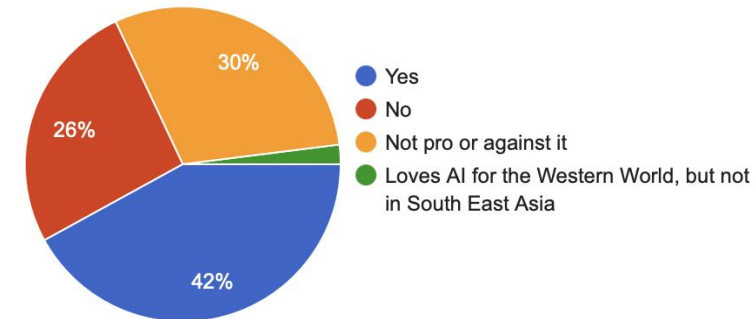
Age Range



Religion



Pro/Against AI



Excerpts “What is AI?” Preliminary Results (n = 71)

“AI software is programmed and trained with human-biased examples, by humans to act and think like humans to a certain extent”

“AI are vending machines”

“I don’t know exactly what it is, but AI is cool”

“AI are robots and autonomous machines”

“AI are futuristic buildings”

“Machines that are going to take over the world, and leave us jobless”

“Not sure, some autonomous things from the **Western World**”

Excerpts “Indonesian AI future?” Preliminary Results (n = 71)

“People will **not accept** AI here in **Indonesia**, because Indonesian people LOVE DRAMA. They love human-interaction, opinions, and fighting back. A robot accepts everything, and you have to believe everything it says, because it is always right. Maybe in Jakarta people will accept AI, because they are individualists. But in Yogyakarta, **people value human** groups and collective agreement more”.

“Flying cars and drones, but that’s far away in the future...I will be dead already”.

“I hope it doesn't come here to Indonesia, I will move to another country if AI rules here. It will be a dystopian future”.

“AI is cool, and has lots of potential benefits for people. But, if AI recommends something better and against our believes, we will just ignore it or adapt if the imam says it’s ok in critical condition”. (e.g. Covid-19 vaccine & Sunscreen)

Internasional



Liked by daphnewaf and 31 others

capingmerapi Hallo Sobat Lestarian!!!

Kita ada tamu internasional lagi nih Sob. Kali ini tamu kita dari Leiden, yaitu Daphne Wong. Beliau di Indonesia sedang belajar bahasa Indonesia untuk disertasinya terkait AI pada Antrophologi.

Dalam kunjungan ini, Caping Merapi memfasilitasi beliau untuk melakukan panen sayur di Caping Merapi nih. Selain itu, kita juga diskusi dan tukar pikiran tentang budaya yang kita miliki.

Asik bukan? Tertarik untuk berkunjung? Yuk datang langsung ke Agroedukasi Caping Merapi dan kita bersama belajar bagaimana bertani sehat 🌱🌱

capingmerapi Hello my friend Lestarian!!! We have an international guest again Bro. This time our guest is from Leiden, that is Daphne Wong. He is in Indonesia studying Indonesian for his dissertation on AI in Anthropology. In this visit, Caping Merapi facilitates him to harvest vegetables in Caping Merapi. Besides, we also discussed and exchange thoughts about the culture we have. Cool isn't it? Interested in a visit? Let's come directly to Agroeducasi Caping Merapi and we together learn how to farm healthy 🧑🌾🧑🌾
#tanamanhias #pertanian #benih # #capingmerapi #jogjawisata [TO REMOVE]\n 325 New Year's Eve
#mediatanamjogja #produktifdirumah #bibitbuah

6 hours ago · See Original

Indonesian ↔ English

Dia belajar AI × He's learning AI

Indonesian ↔ English

Dia belajar masakan × She learns cooking

Open in Google Translate • Feedback

Indonesian ↔ English

Dia bekerja di bank × He works at the bank

Indonesian ↔ English

Dia bekerja di rumah × She works at home

Open in Google Translate • Feedback

MEET YOSHI AND YOLANDA

Need an extra towel or a bottle of water? Dial "30" to place your request and our friendly guest service robots will deliver them to your cabin! They will call your cabin on arrival at the door and are clever enough to navigate around the hotel autonomously. Each robot even has its own unique voice and personality!

USEFUL THINGS

Check out time
Control or visit us
We have workstations
although we do not
free and everywhere
Need help with
or suggestions
There's a gym or
We have a pool
Our crew will stay

HUNGRY AT MIDNIGHT?

OUR VENDING MACHINE IS AVAILABLE 24/7 LOCATION ON 'TWO'.




THE FUTURE IS HERE
But, it's just not evenly distributed

- William Gibson

AI in

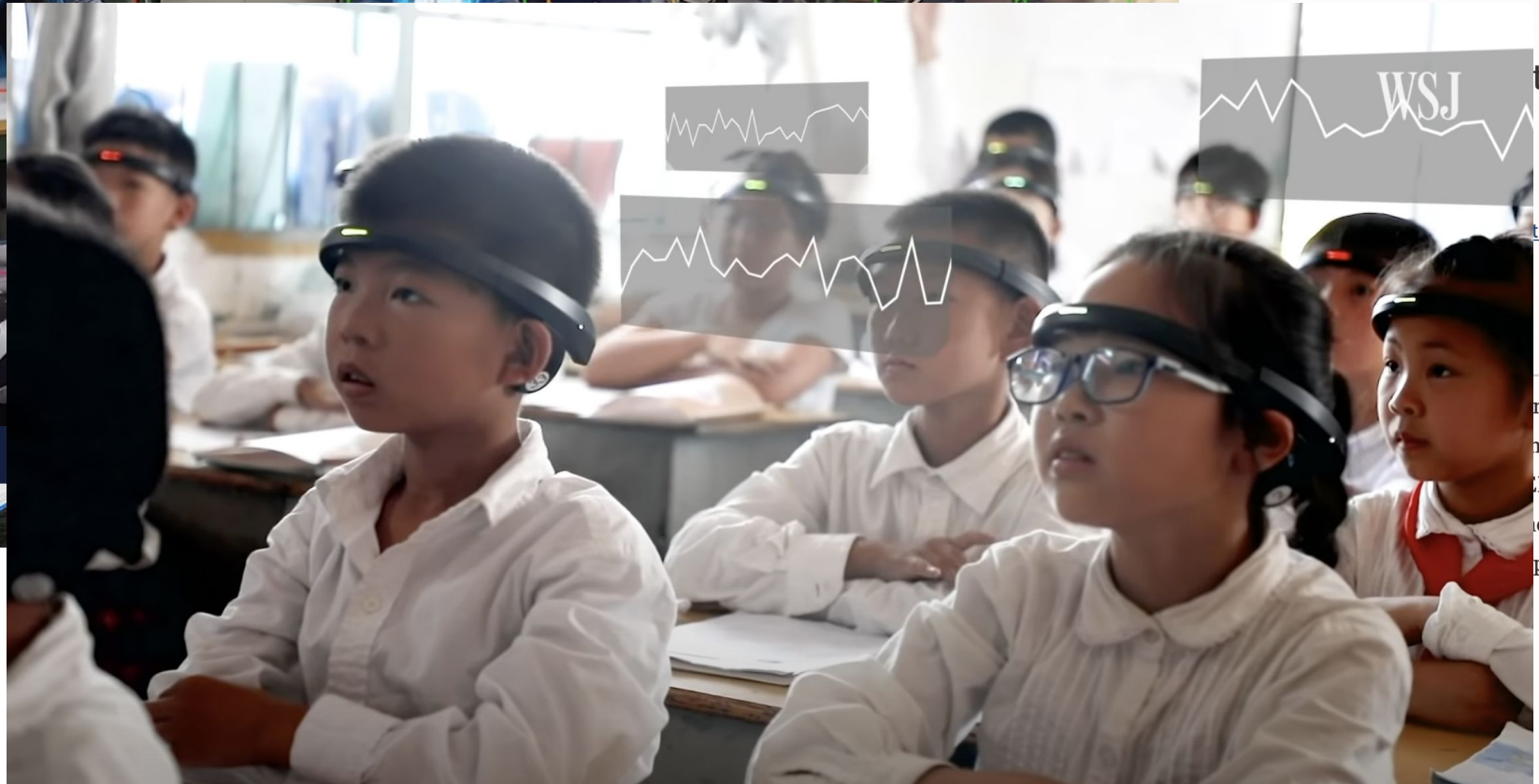
MIT
Technology
Review

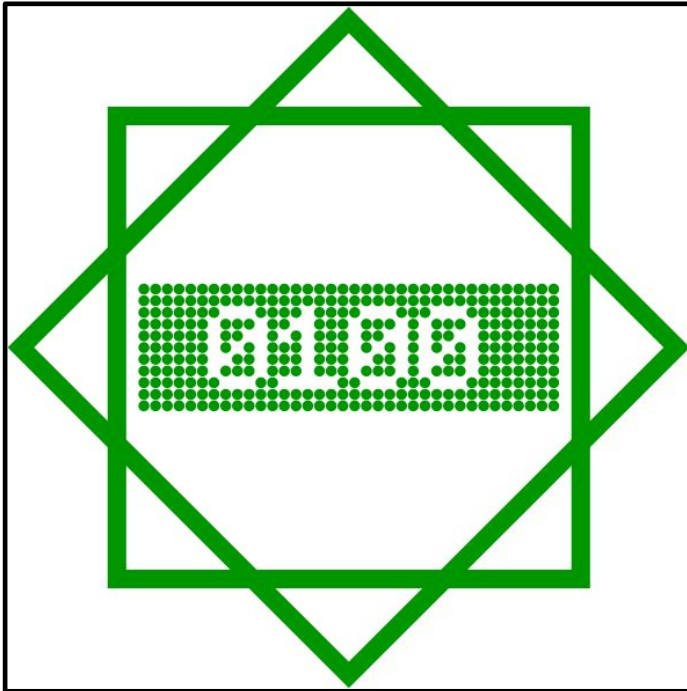
ARTIFICIAL

China educa learns

In recent years,
billion-dollar ed

By Karen Hao





- Response to 'Artificial Intelligence with human values' that **remains Western secular**
- Muslim Southeast Asia: different **possible directions digitalizing societies**



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Social and Behavioural Sciences

Cultural Anthropology and Development Sociology

Project | 0100| One Among Zeroes

Towards an Anthropology of Everyday AI in Islam

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