



KEMENTERIAN PENDIDIKAN TINGGI



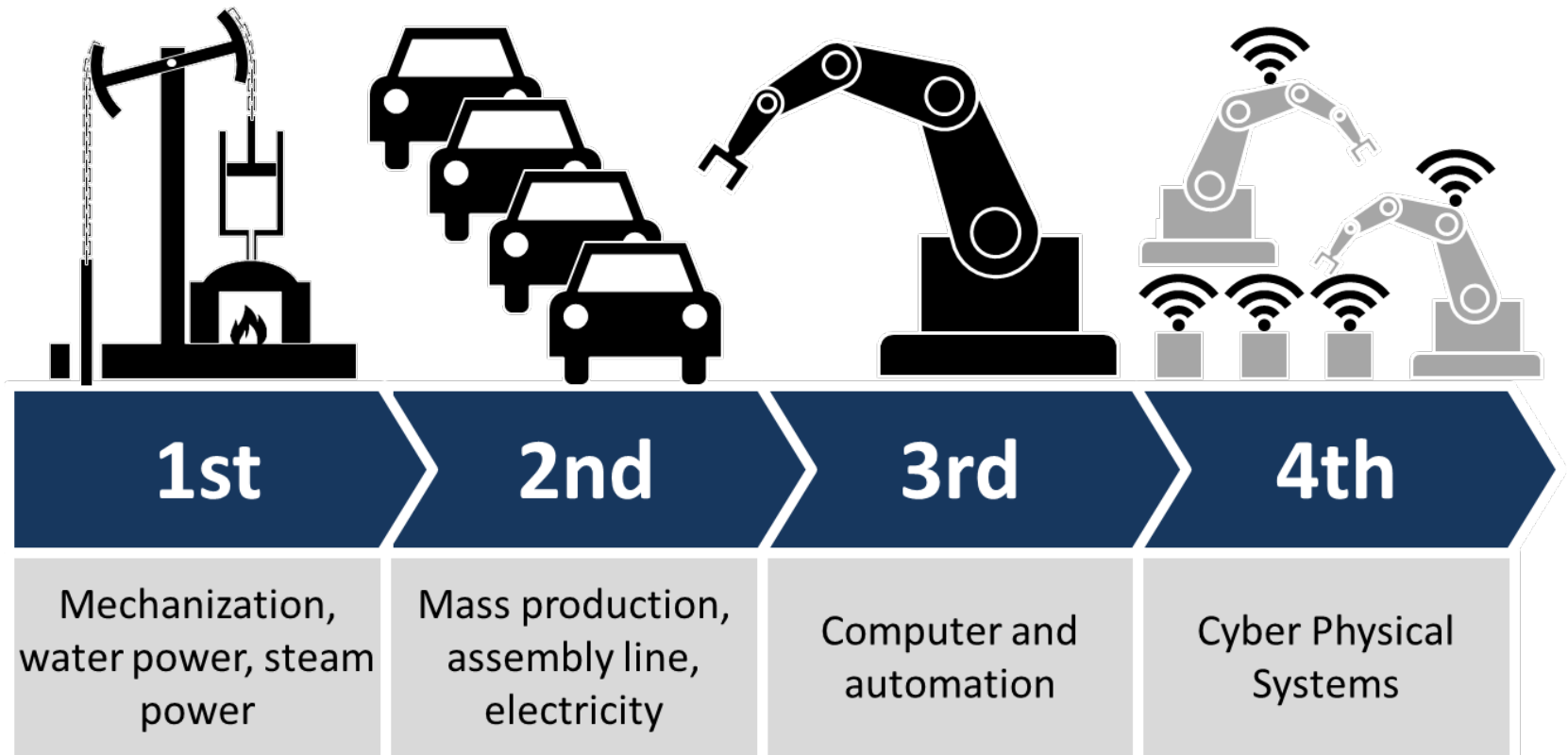
IR 4.0 Framework

Sharing session by Assoc. Prof. Ts. Dr. Muhammad Fahmi Bin Miskon
Director, Academic Planning and Development Office, UTeM
Research Interest: Intelligent Robotics

For presentation on 28 Nov 2018



How Cyber Physical Systems Change Education?



Driver of Change:
Ubiquitous Mobile Internet

IR 4.0 Framework (for future Jobs)

For discussion:

Relate future jobs with IR
4.0. Why? How? What?

How graduate get ready for future jobs?

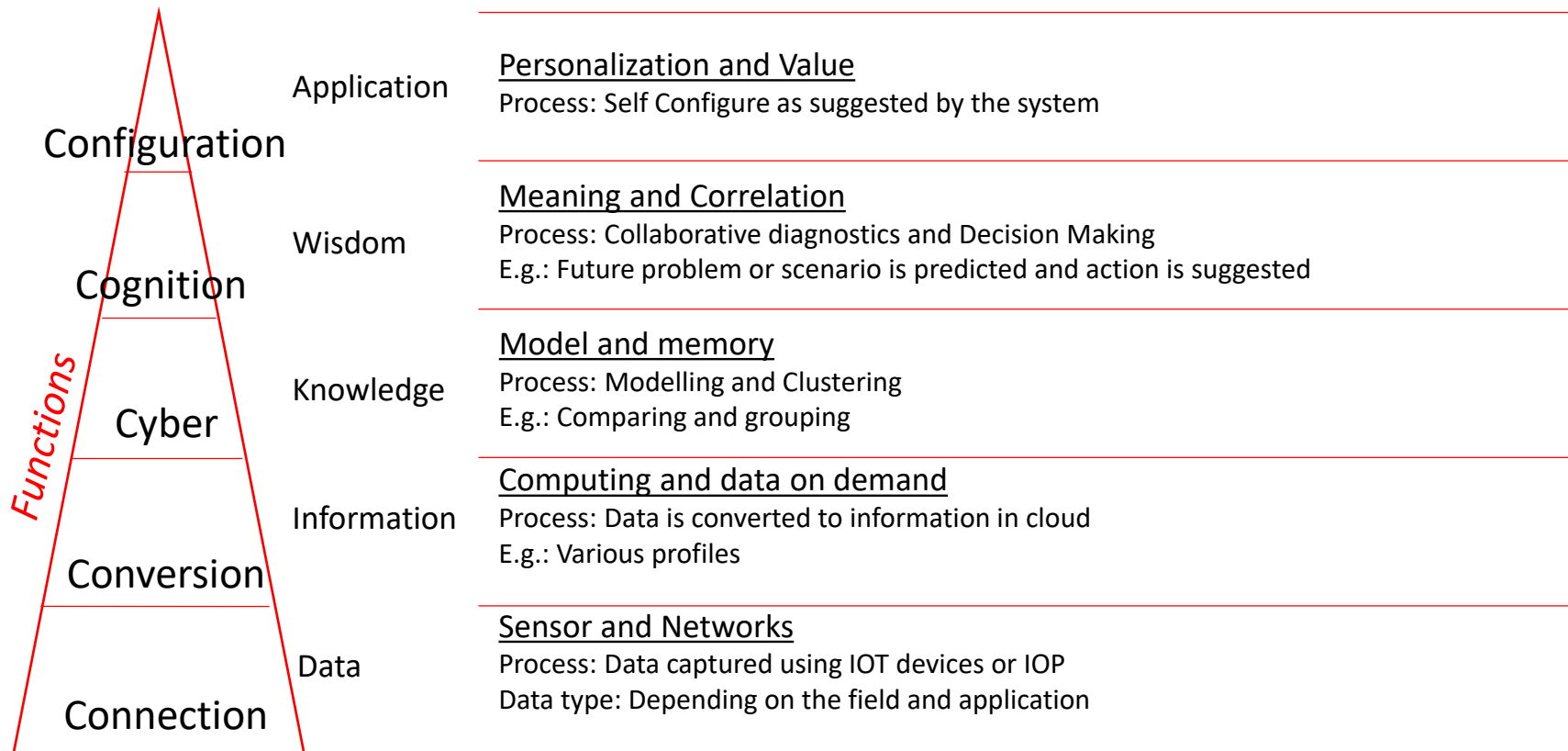
Job Process A

Job Process B

Job Process C

Job Process D

Attributes



Original version 5C Architecture – Industry 4.0

Center for Intelligent Maintenance System for Cyber Physical Systems in Manufacturing

Concept expansion: Fahmi, Faaizah, NurulFajar UTeM 2017

Illustration:MFM2017

IR 4.0 Framework (Education approach)

For discussion:

Relate Education with IR 4.0.

Why? How? What?

How educational institutions Operates

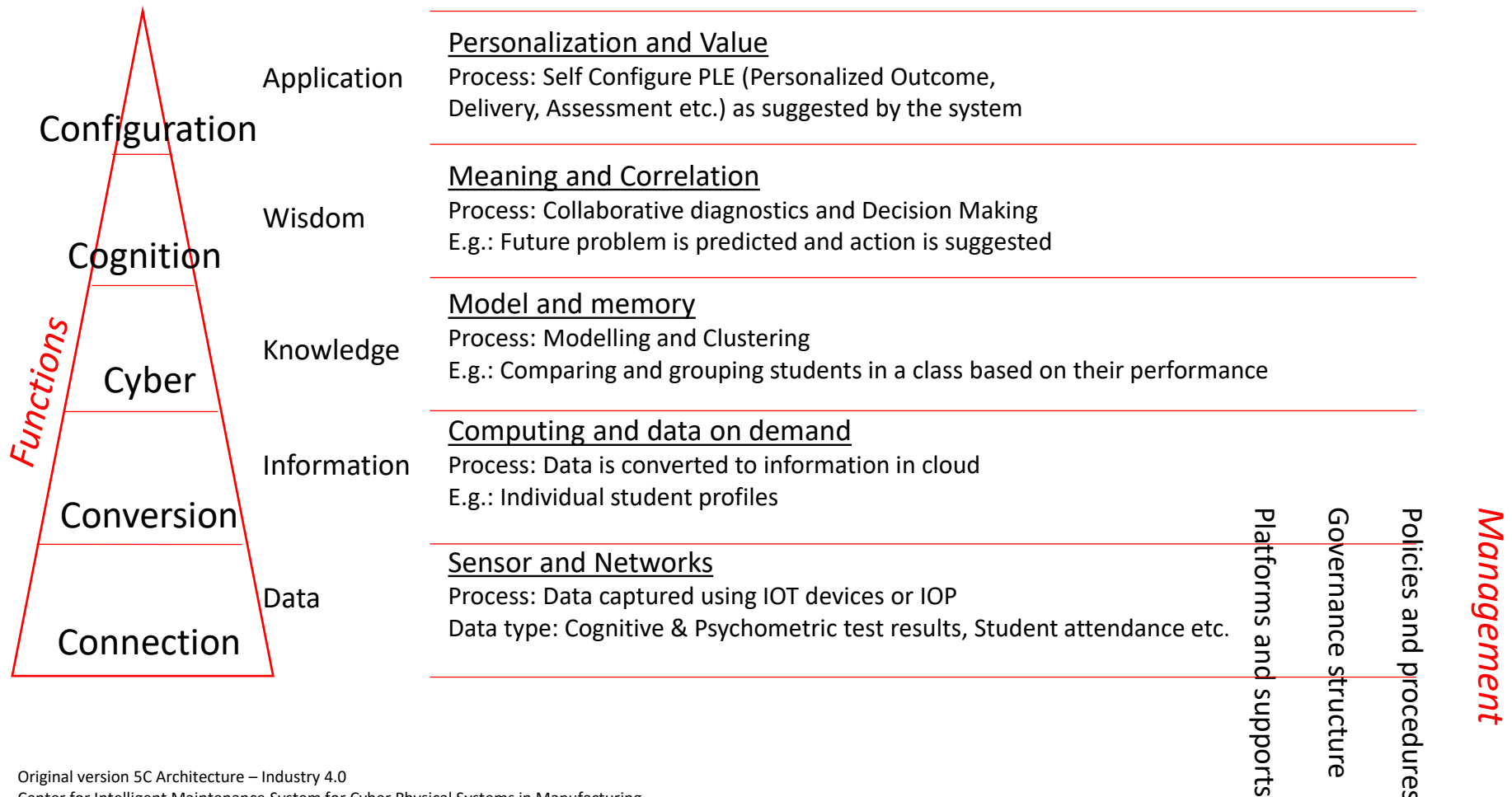
CURRICULUM
DESIGN & DELIVERY

AGILE
GOVERNANCE

RESEARCH 4.0

TALENT

Attributes



Original version 5C Architecture – Industry 4.0

Center for Intelligent Maintenance System for Cyber Physical Systems in Manufacturing

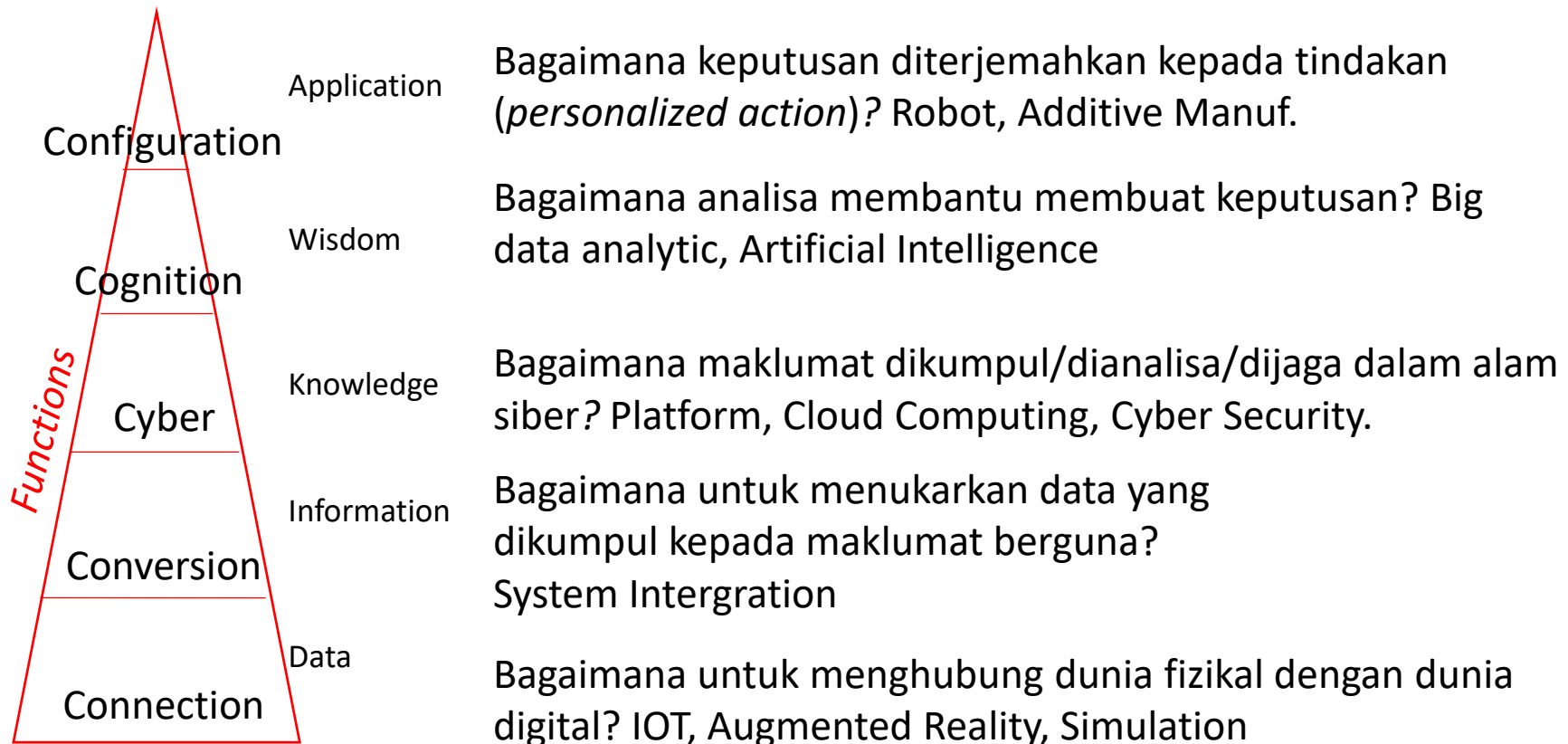
Concept expansion: Fahmi, Faaizah, NurulFajar UTeM 2017

Illustration:MFM2017

IR 4.0 Framework (technology)

For discussion:

What are the technology that becomes the main driver of IR 4.0?



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Illustration:MFM2017