

# CURRENT TRENDS IN MILITARY PSYCHOLOGY

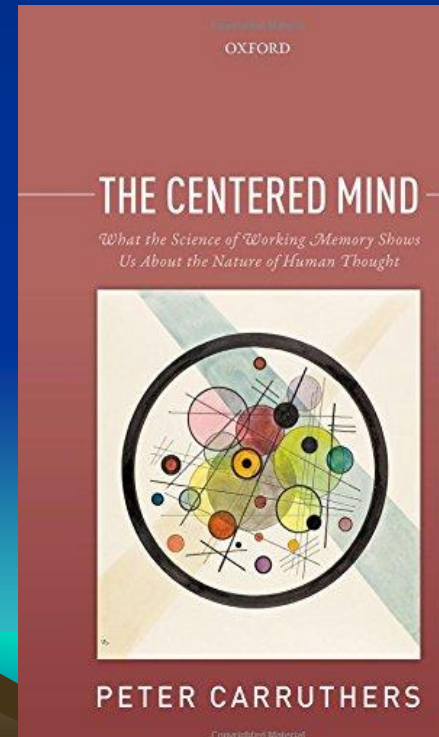
Arief Budiarto

Email: [tesis.unpad@gmail.com](mailto:tesis.unpad@gmail.com)



# WORKING MEMORY IN MILITARY CONTEXT

- The best predictor new learning
- The best predictor job performance
- Predict academic proficiency
- Predict situational awareness



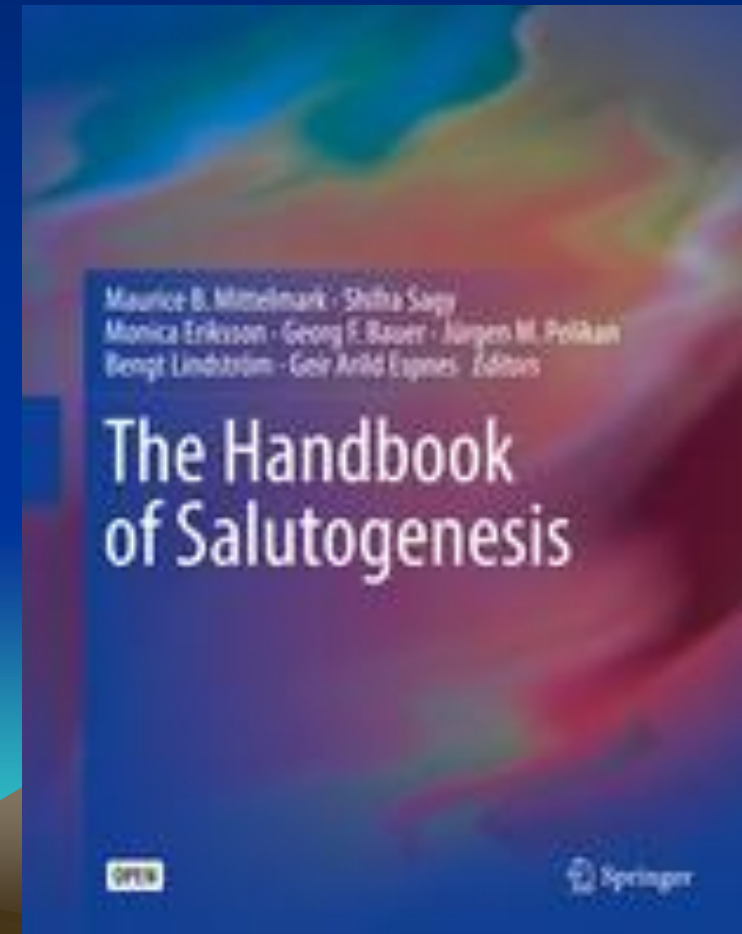
# GERMAN WOMEN SOLDIER

- Küche, Kirche, Kinder, ... Krieg?
- last of the European countries that allowed women to join the fighting units of the Bundeswehr
- 14,500 women on active duty
- Career Advancement



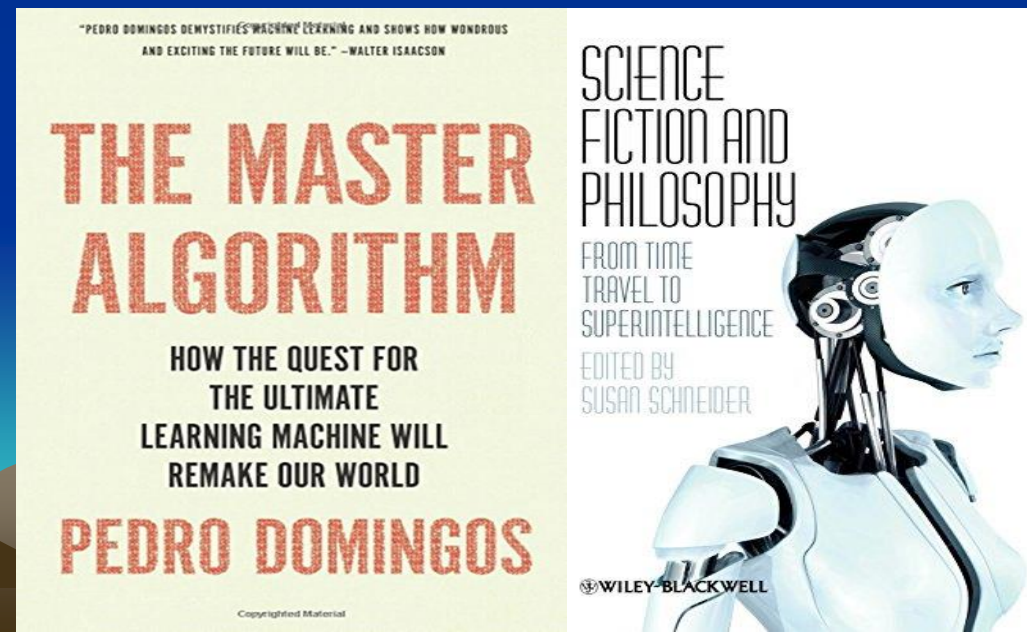
# SALUTOGENESIS

- "salutogenic model" the relationship between health, stress, and coping.



# ARTIFICIAL SUPER INTELLIGENCE

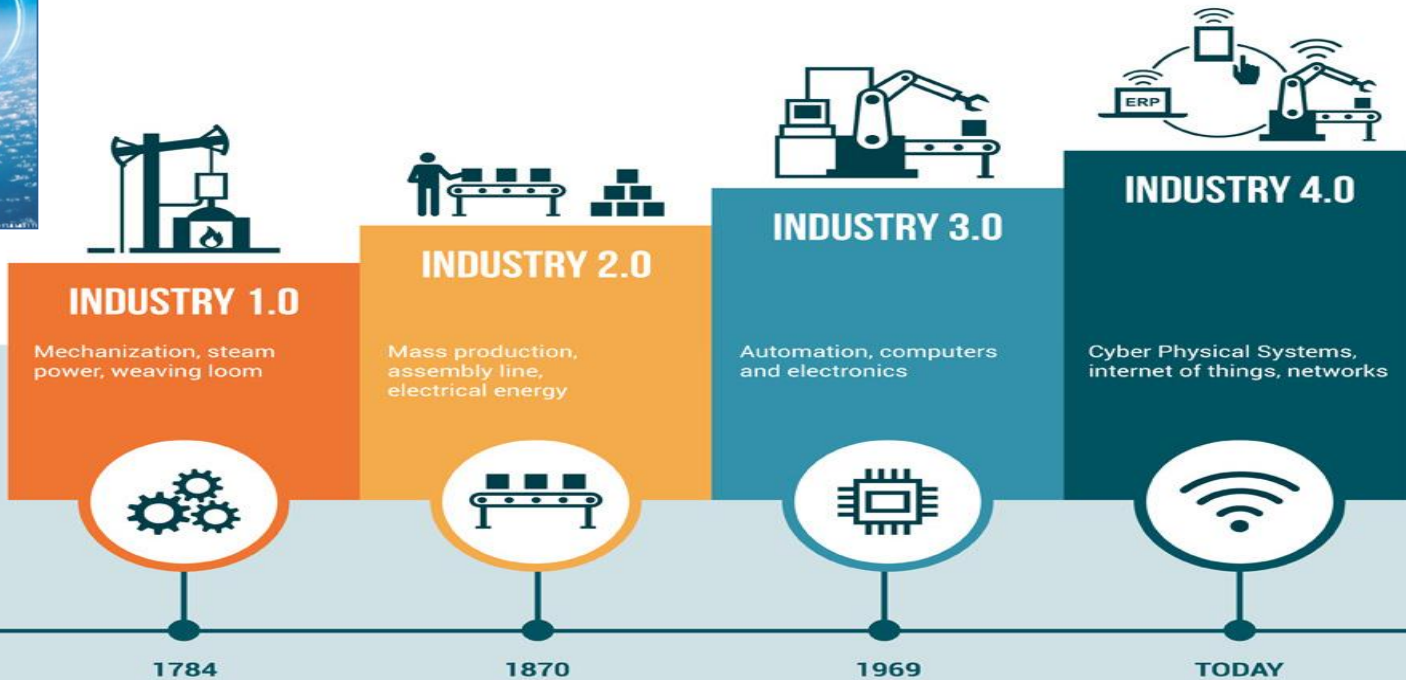
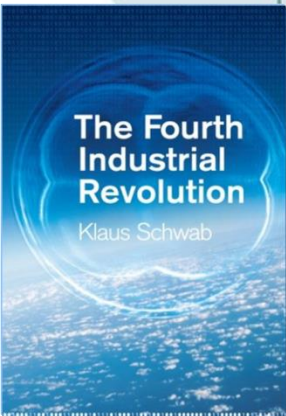
a term referring to the time when the capability of computers **will surpass humans**.  
"Artificial intelligence.



# FOURTH INDUSTRIAL REVOLUTION

## INDUSTRIAL REVOLUTION

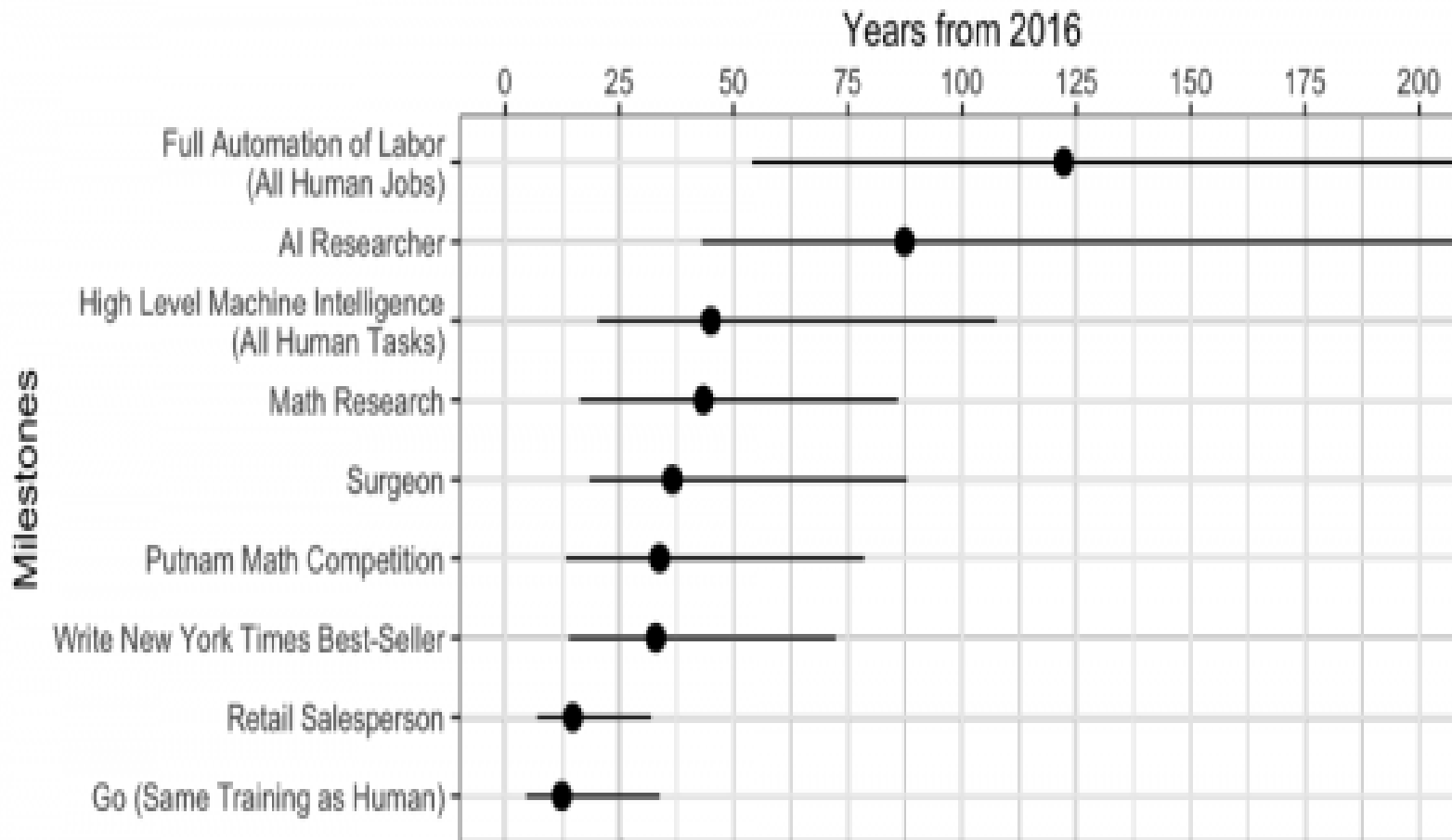
TRANSFORMING INDUSTRIES AND INNOVATION



# When Will AI Exceed Human Performance? Evidence from AI Experts

- Researchers predict AI will outperform humans such as translating languages (by 2024), writing high-school essays (by 2026), driving a truck (by 2027), working in retail (by 2031), writing a bestselling book (by 2049), and working as a surgeon (by 2053)
- **Source:** Grace, K., Salvatier, J., Dafoe, A., Zhang, B., & Evans, O. ( 30 May 2017). When Will AI Exceed Human Performance? Evidence from AI Experts. arXiv preprint arXiv:1705.08807.

# When Will AI Exceed Human Performance? Evidence from AI Experts



Source: Grace, K., Salvatier, J., Dafoe, A., Zhang, B., & Evans, O. (30 May 2017). When Will AI Exceed Human Performance? Evidence from AI Experts. arXiv preprint arXiv:1705.08807.



# ARTIFICIAL SUPER INTELLIGENCE

- *Artificial intelligence is not only the future of Russia, it is the **future of the entire mankind**. It brings colossal opportunities, and hardly foreseeable threats. **The one who becomes the leader in this area, will be the ruler of the world.** (Putin, Sept 4 2017)*

