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GREEN4OHS

*Empowering occupational health and safety for sustainable development
in the Western Balkans*

DIGITAL OHSafety

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AI & ADVANCED
TECH
FOR OSH

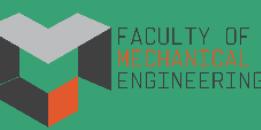


MASLOW'S HIERARCHY OF NEEDS

Abraham Maslow's Theory (1943) showing the levels of human needs we seek to fulfill, which motivate our behaviour









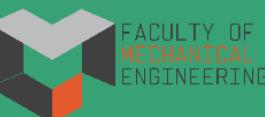
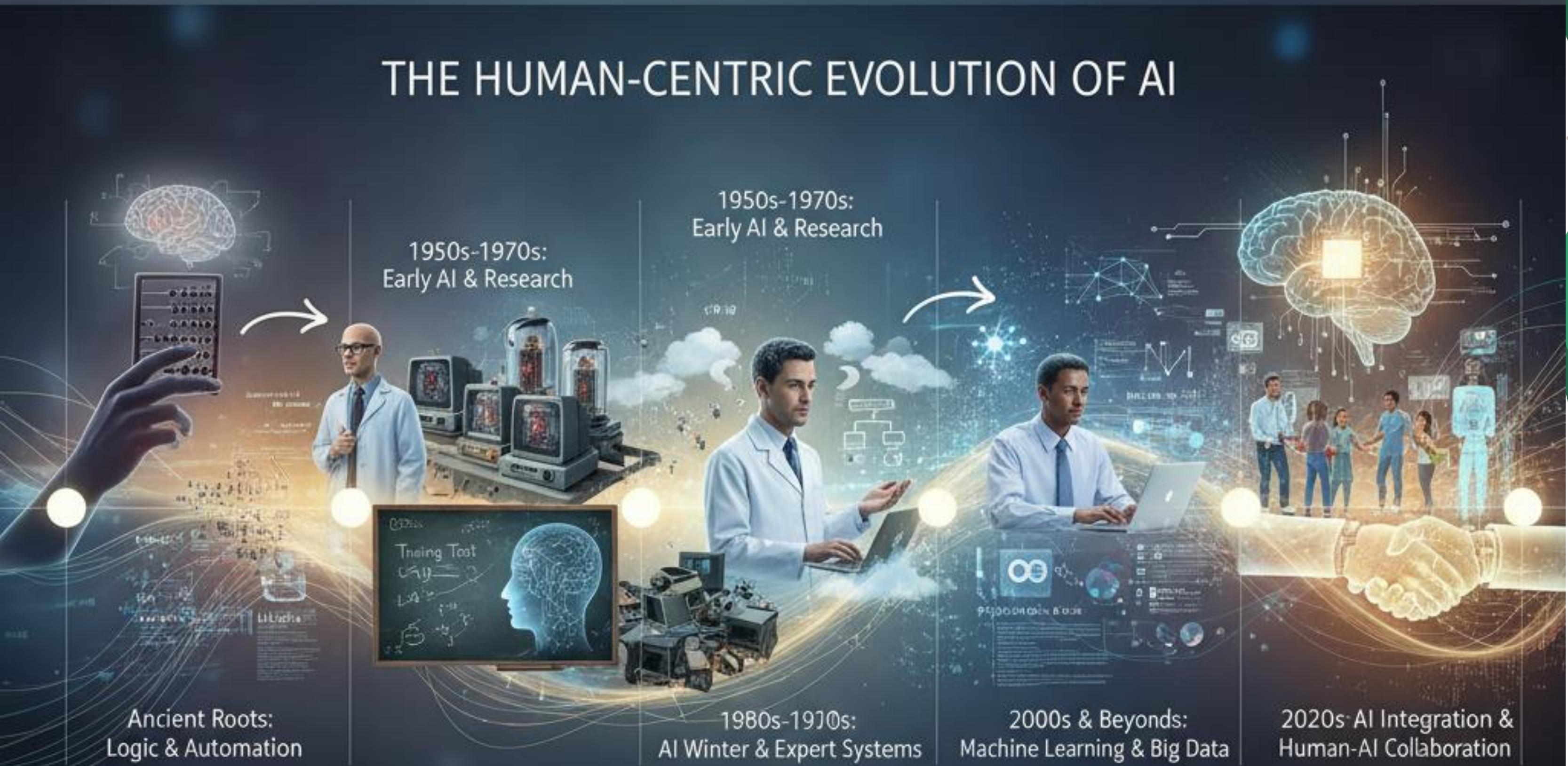


Sophia

Timeline of Key Milestones

February 14, 2016	Artivation	Sophia was activated by Hanson Robotics in Hong Kong.
March 2016	First Public Appearance	Sophia made her debut at the South by Southwest (SXSW) festival in Austin, Texas.
October 25, 2017	United Nations Appearance	Sophia was granted citizenship by Saudi Arabia
2019	Sophia 2019 Upgrade	Hanson Robotics upgraded Sophia with improved walking capabilities and more expressive facial features
2020	Artistic Collaboration	Sophia began creating digital artwork and even collaborated with artists to produce AI-generated paintings
2021	NFT Art Auction	Sophia's artwork was sold as an NFT (non-fungible token) for over \$688,000
2022 to-2025	Continued Development	Sophia has been involved in education, healthcare, and customer service pilot projects

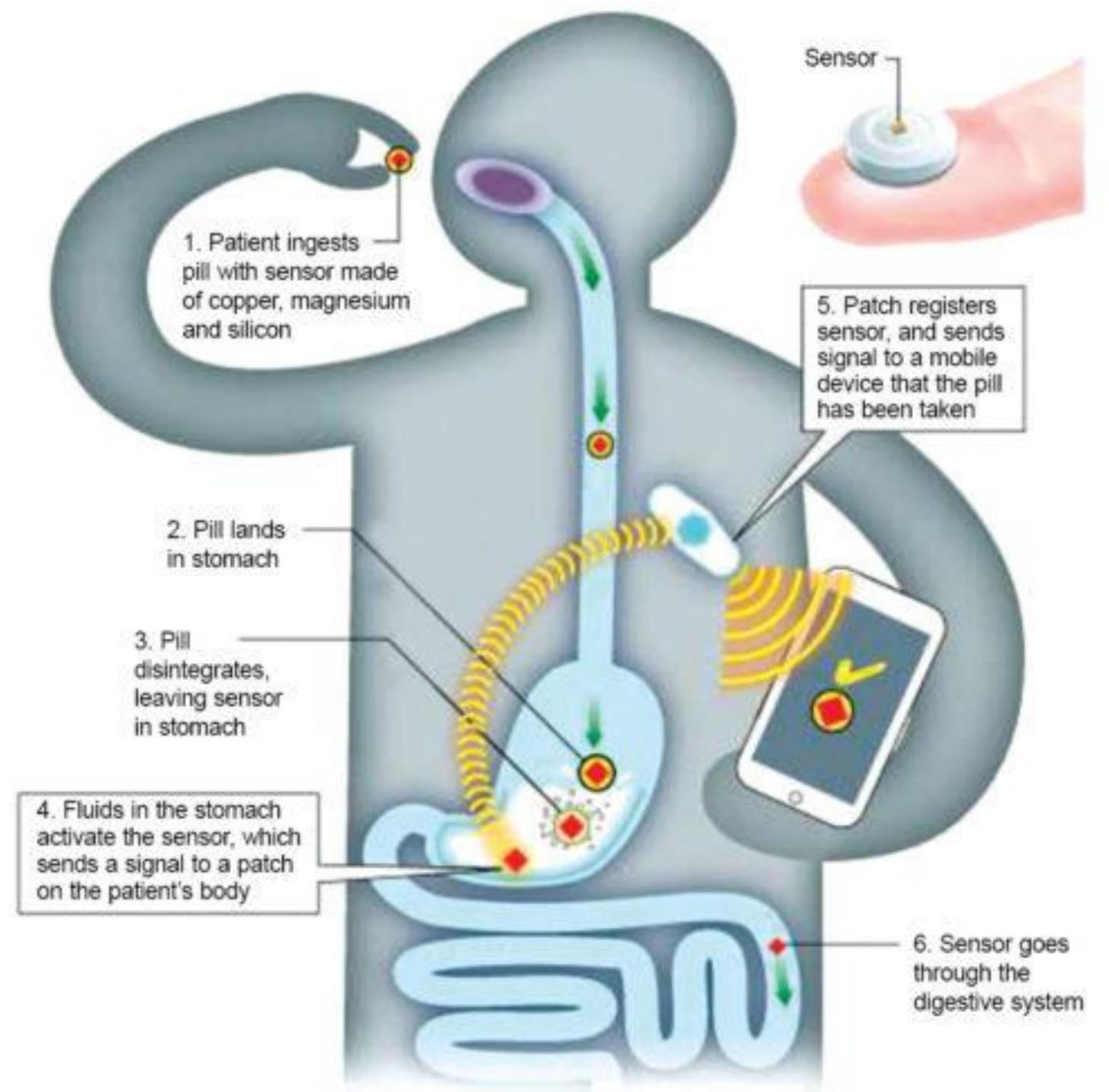
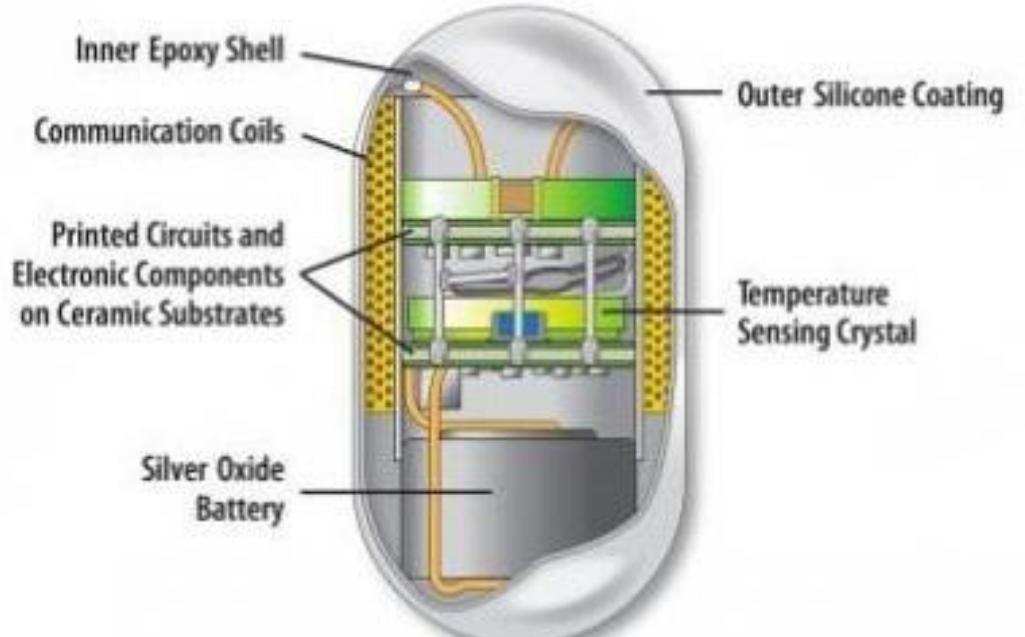
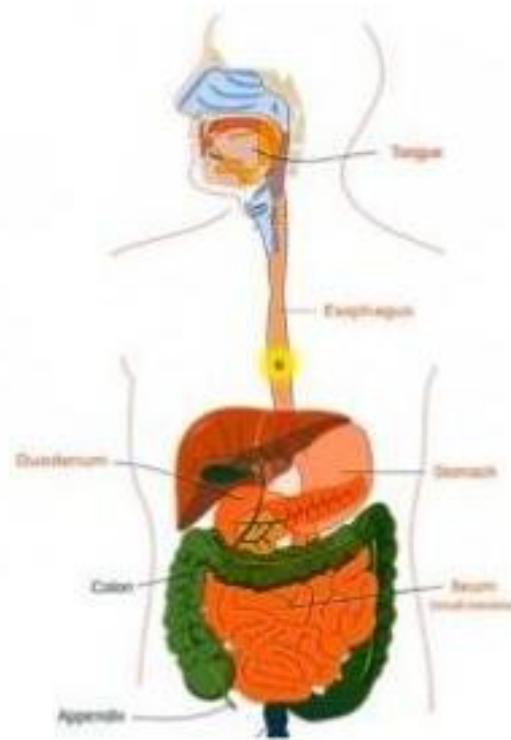


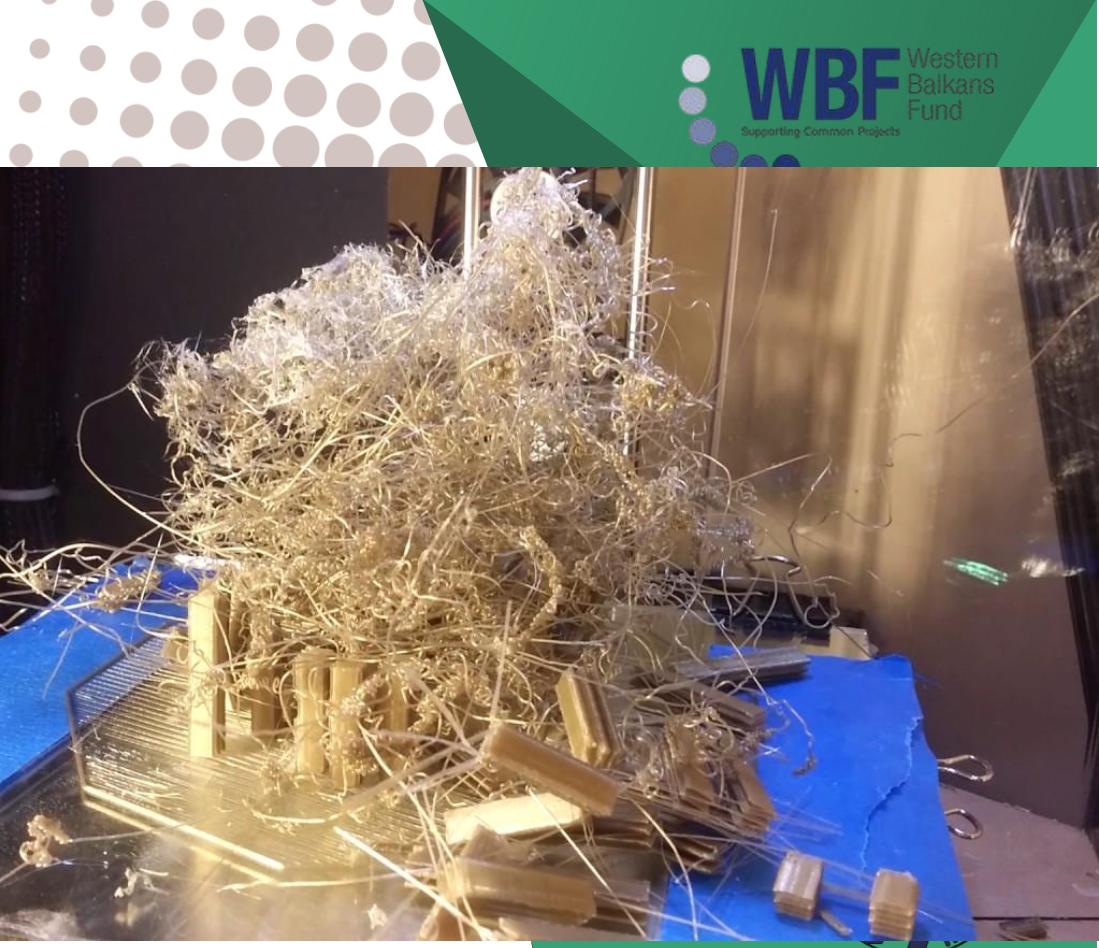
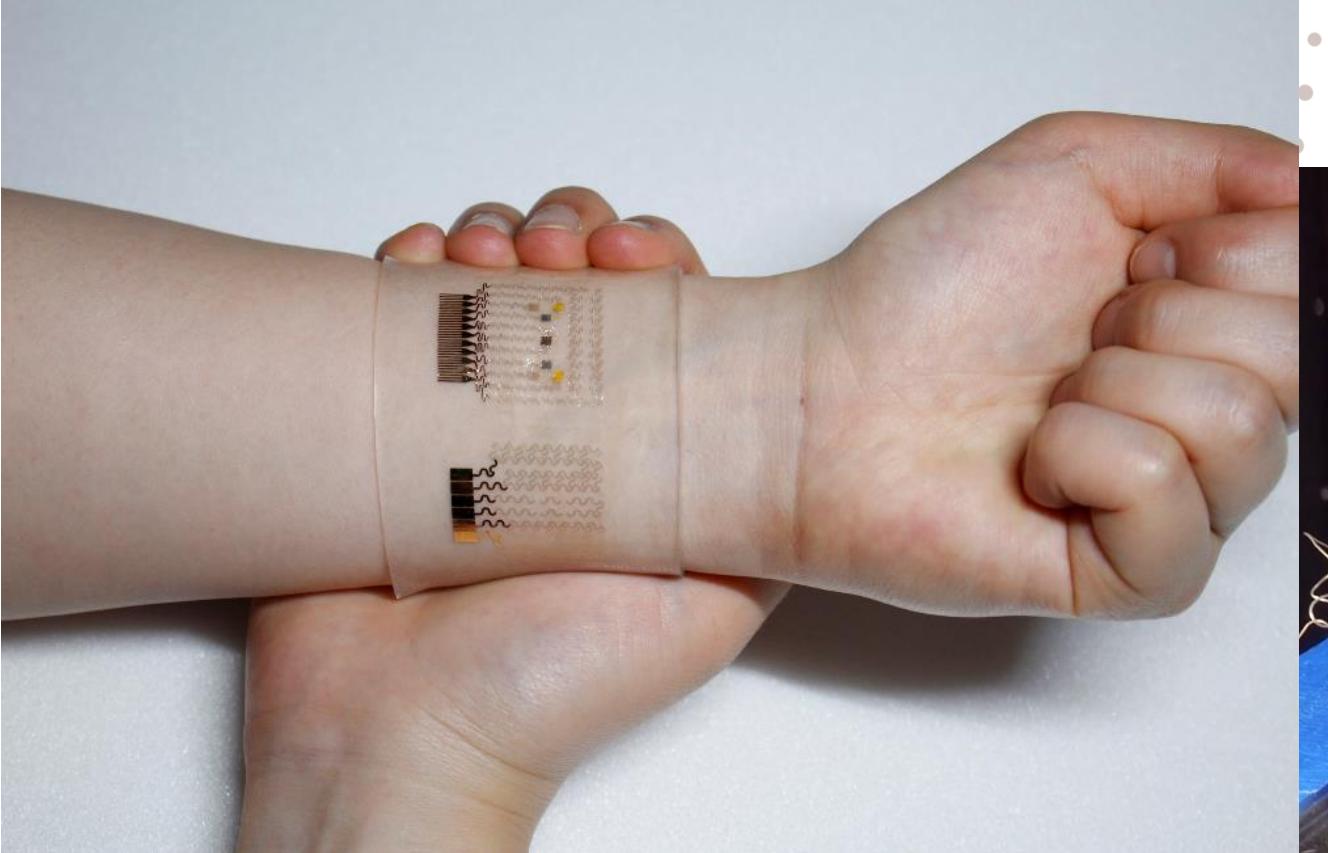


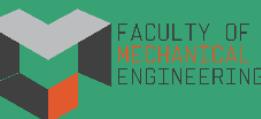
Impact of Technological Advancements on Occupational Health and Safety (OHS)

- Technological Advancements
 - Lenses for measuring blood sugar levels in humans
 - Flexible silicone patches (smart skin)Wearable Electronics
 - [Google glasses](#)
 - Smart watch
 - [Other new technologies](#)
 - Autonomous vehicles (Tesla)
 - Autonomous airplanes
 - 3D printing technology
 - Development of new materials
 - Nanomaterials (toxicity and penetration through the skin or the entire body via the respiratory system)

Ingestible Sensors

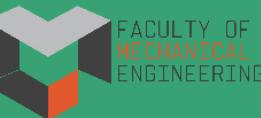




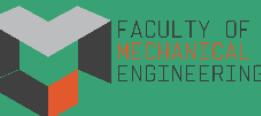
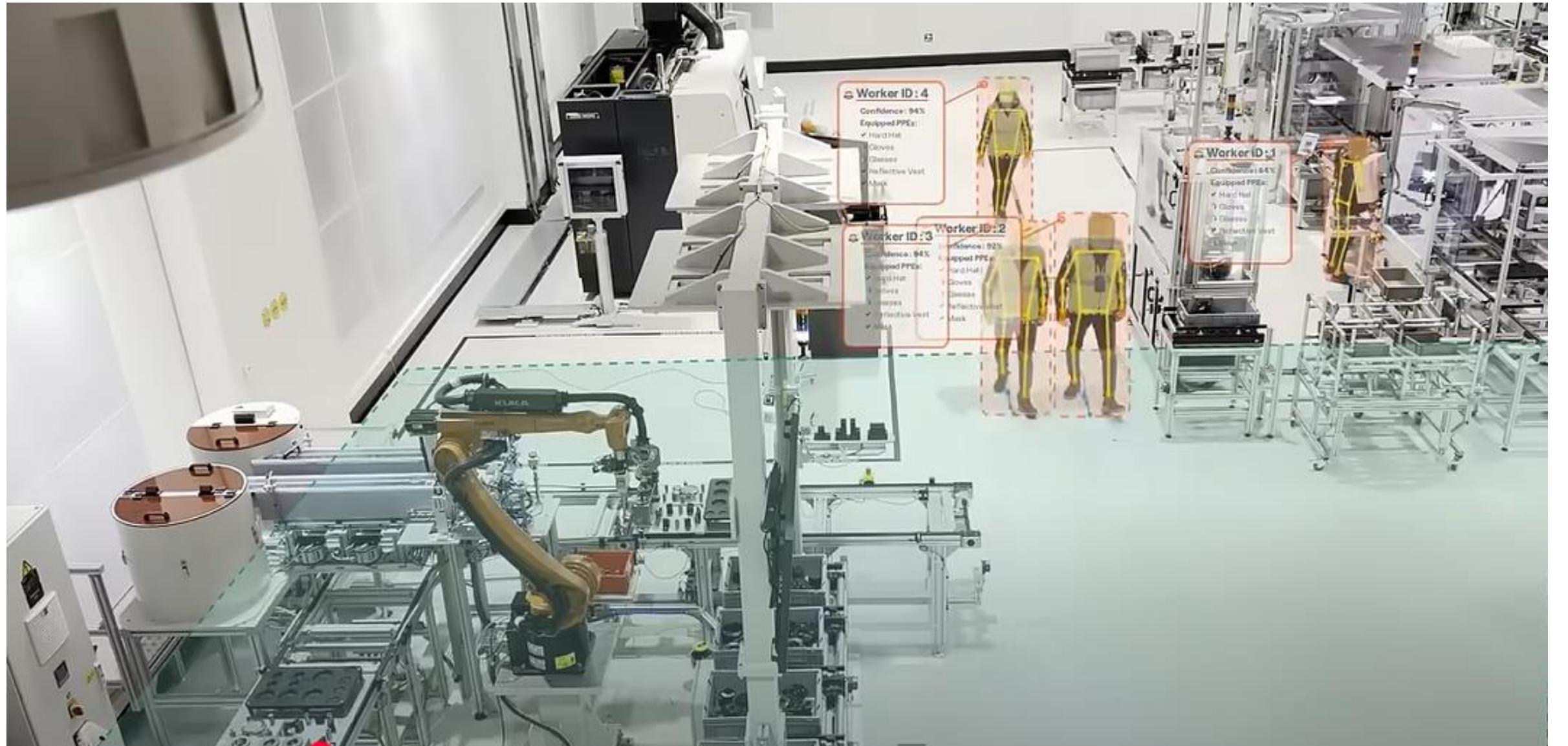




EXOSKELETON



AI-powered workplace safety







Thank you for your attention