Prof. Christian Micheloni
Machine Learning and
Perception Lab.
University of Udine

AlpAIn now and next

Izola (SLO) 18.09.2024

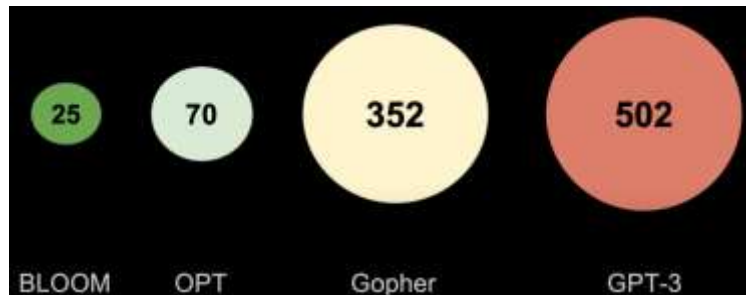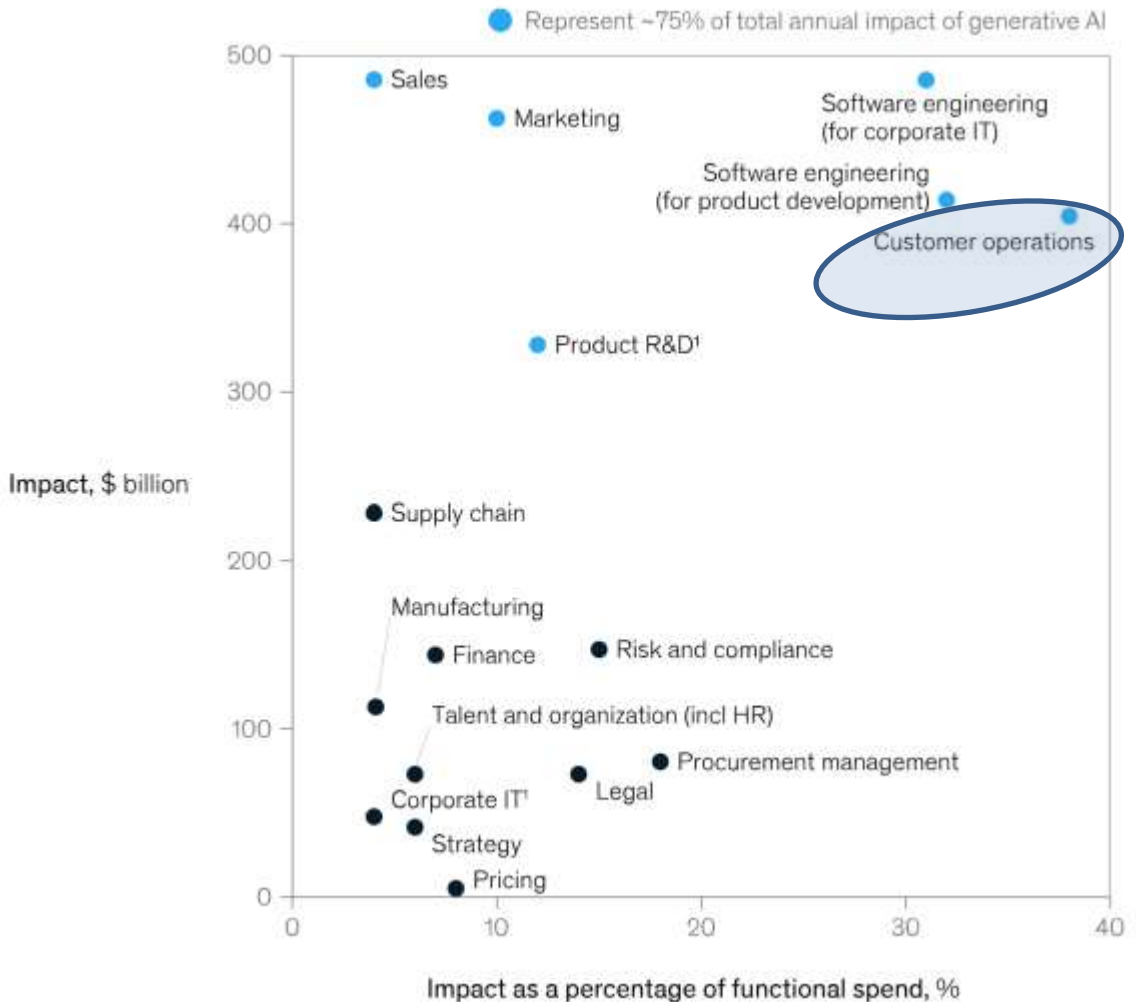digitalalps.eu

AI Models are getting bigger and bigger

Data is needed

The are not mobile

- AI is diffusing at fast pace. It will be pervasive

- Not cheap

- All sectors

Customer??

Represent ~75% of total annual impact of generative AI

Impact, $ billion

Impact as a percentage of functional spend, %

- Diagnosys

- Therapy

- Prevention

- Pharmaceutics

Model Interpretation for ACL Tear

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IMU right tail

IMU left tail

Pressure sensor + IMU right boot

Pressure sensor + IMU left boot

IMU right tip

IMU left tip

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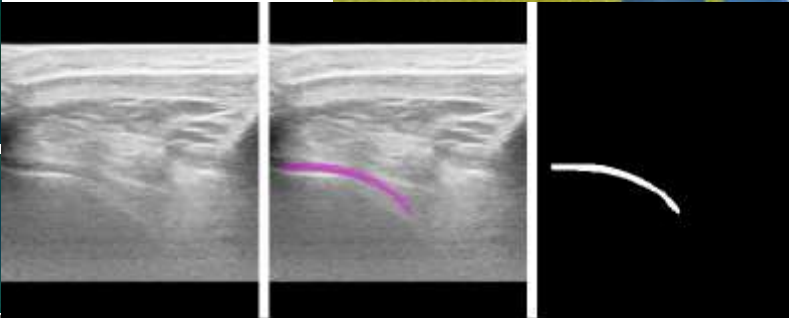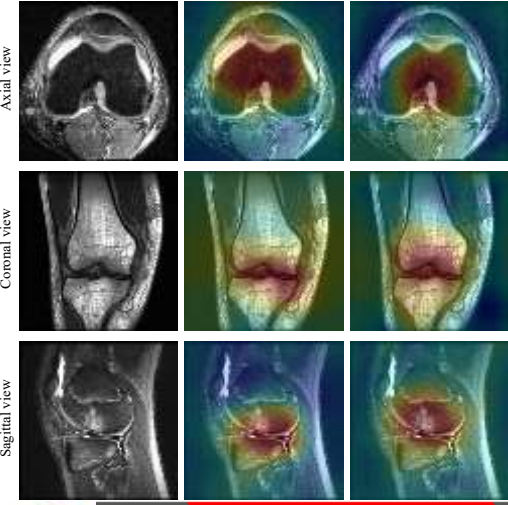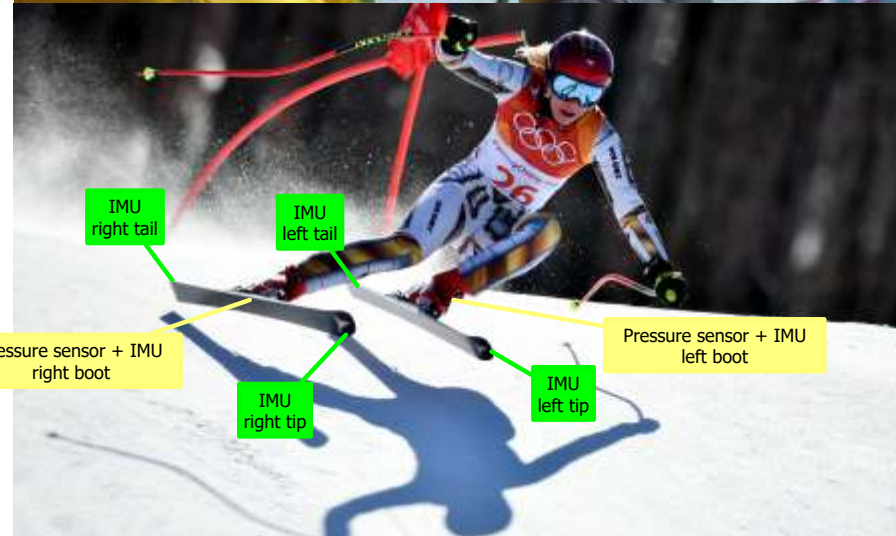
- Italian Sperimentation
  - Teaching customization
  - Learning adaptability
  - Disability support
  - Learning & fun

- Better education for remote areas

- Guidelines on using AI in school

COSTRUIRE IL FUTURO

Linee guida sull'utilizzo dell'IA in ambito scolastico

- Customer Services
  - Personalization
  - Quality check
  - Hospitality
- Booking
- Adv
- Transportation
- Supply chain
- 1.2 billion$ 2026

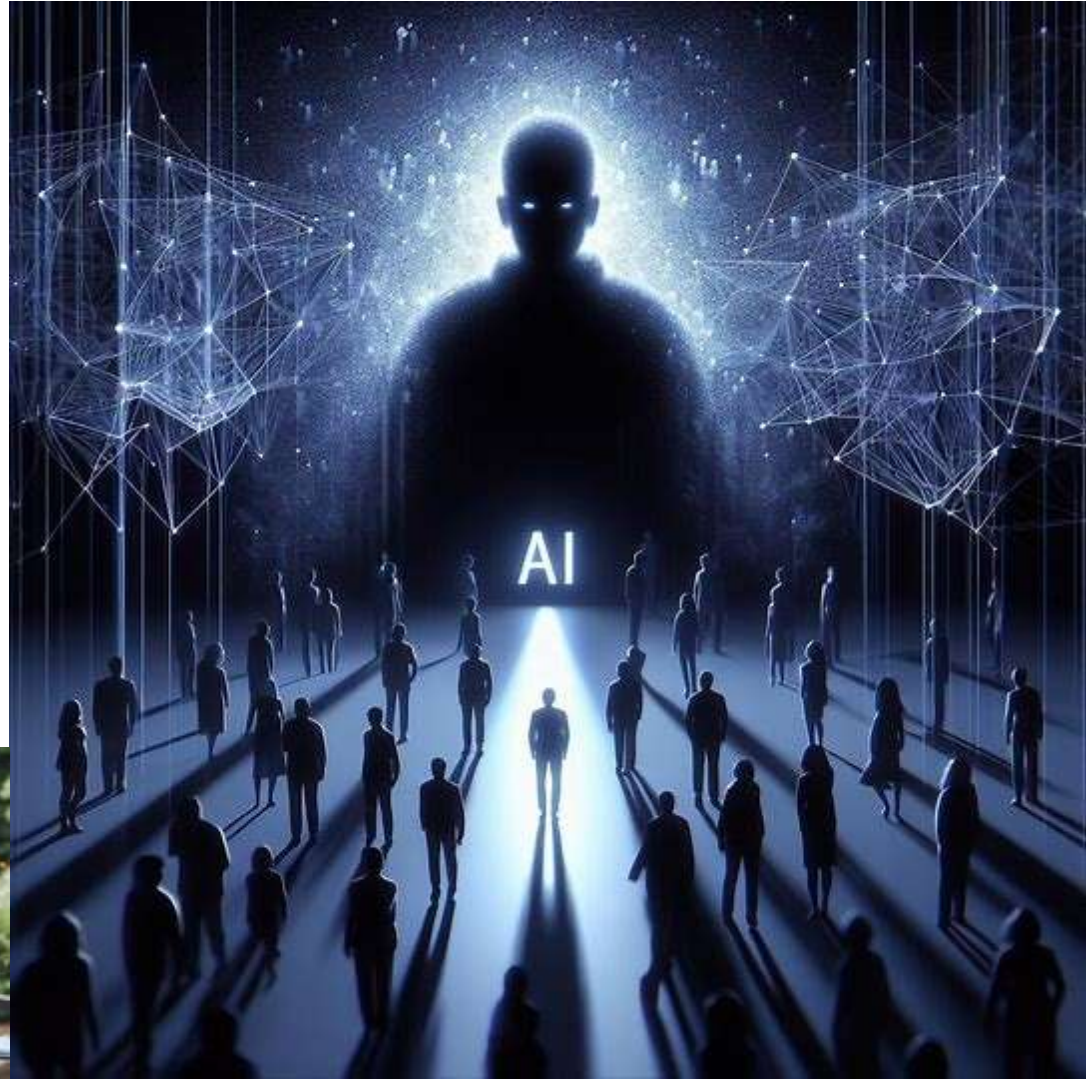**Prof. Christian Micheloni - University of Udine - Izola 18.09.2024**

- Multi language
- Multimedia
  - Movies
  - Art
  - Adv

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- Jobs

- Prejudice

- Copyright

- Accessibility

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- EU AI Act art. 3:
  - 'AI system' means a machine-based system that is designed to operate with varying levels of autonomy and that may exhibit adaptiveness after deployment, and that, for explicit or implicit objectives, infers, from the input it receives, how to generate outputs such as predictions, content, recommendations, or decisions that can influence physical or virtual environments;

- AG5 AI Study:
  - State of the art
  - Analysis of costs/feasibility/impact
  - Policy recommendations
  - Draft May 2025, final Nov. 2025

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THANK YOU

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