ifip TC-12 Artificial Intelligence

Artificial Intelligence
the Hype
& the Future

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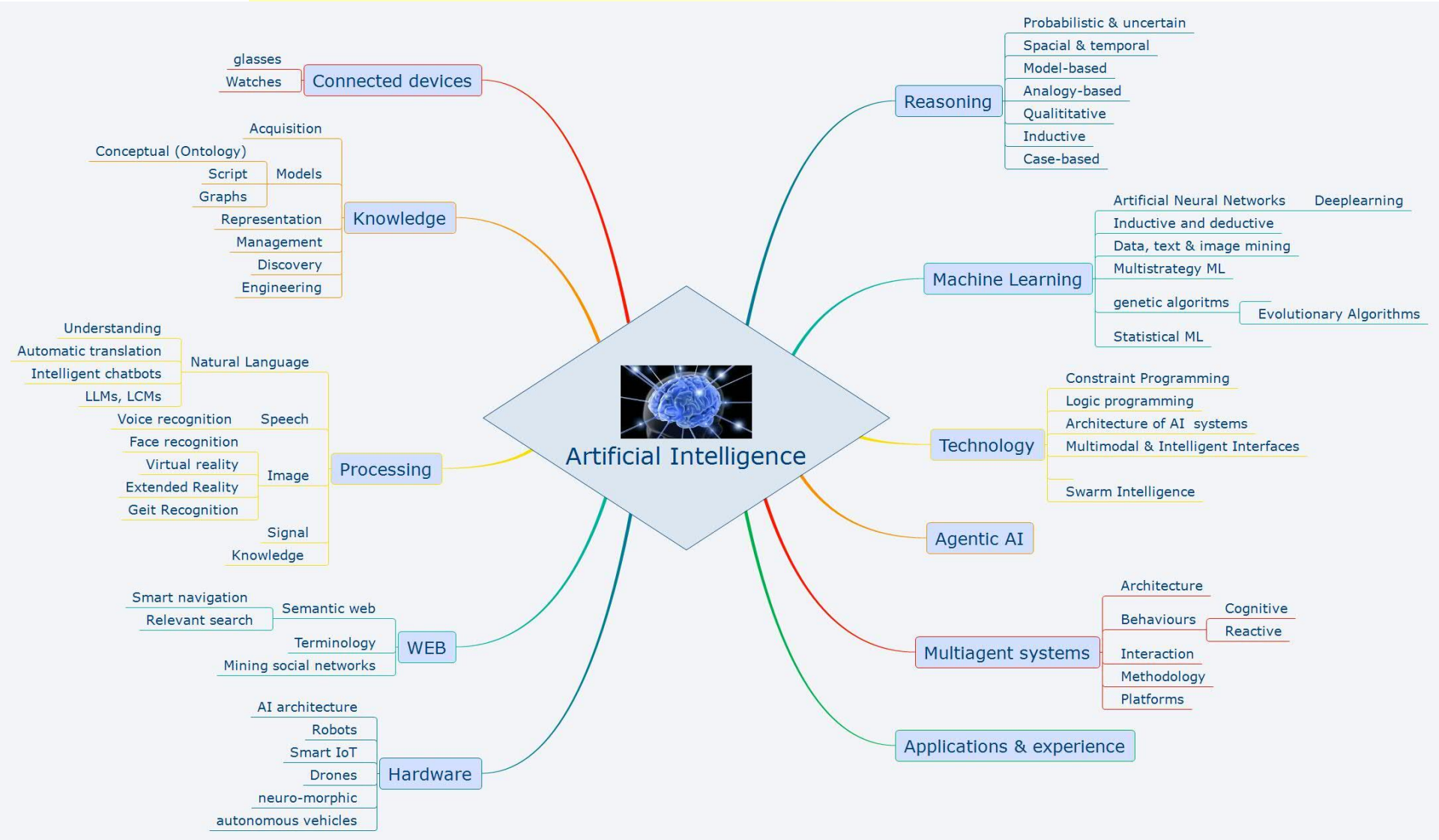
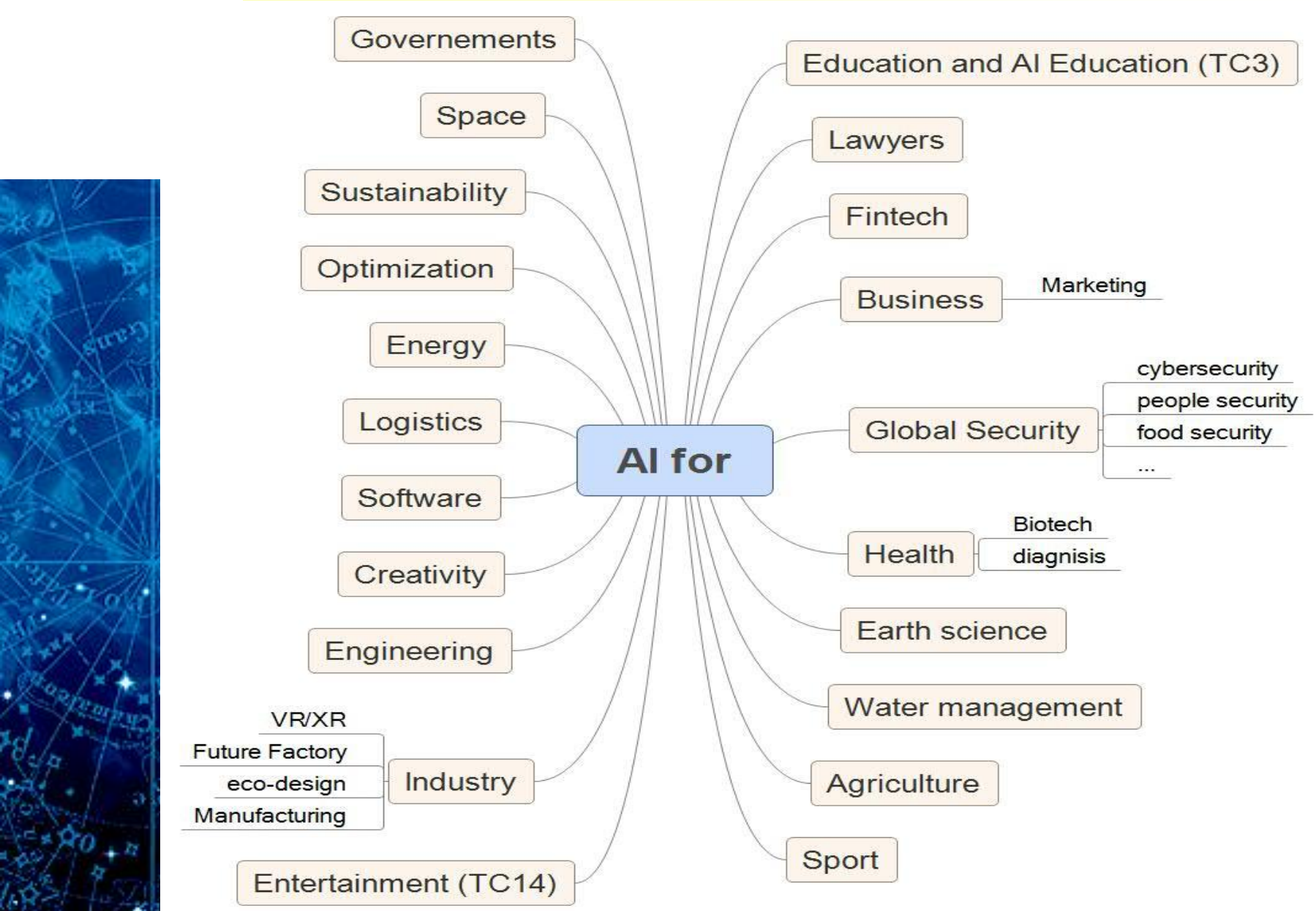
Chair TC12

https://www.ifiptc12.org/

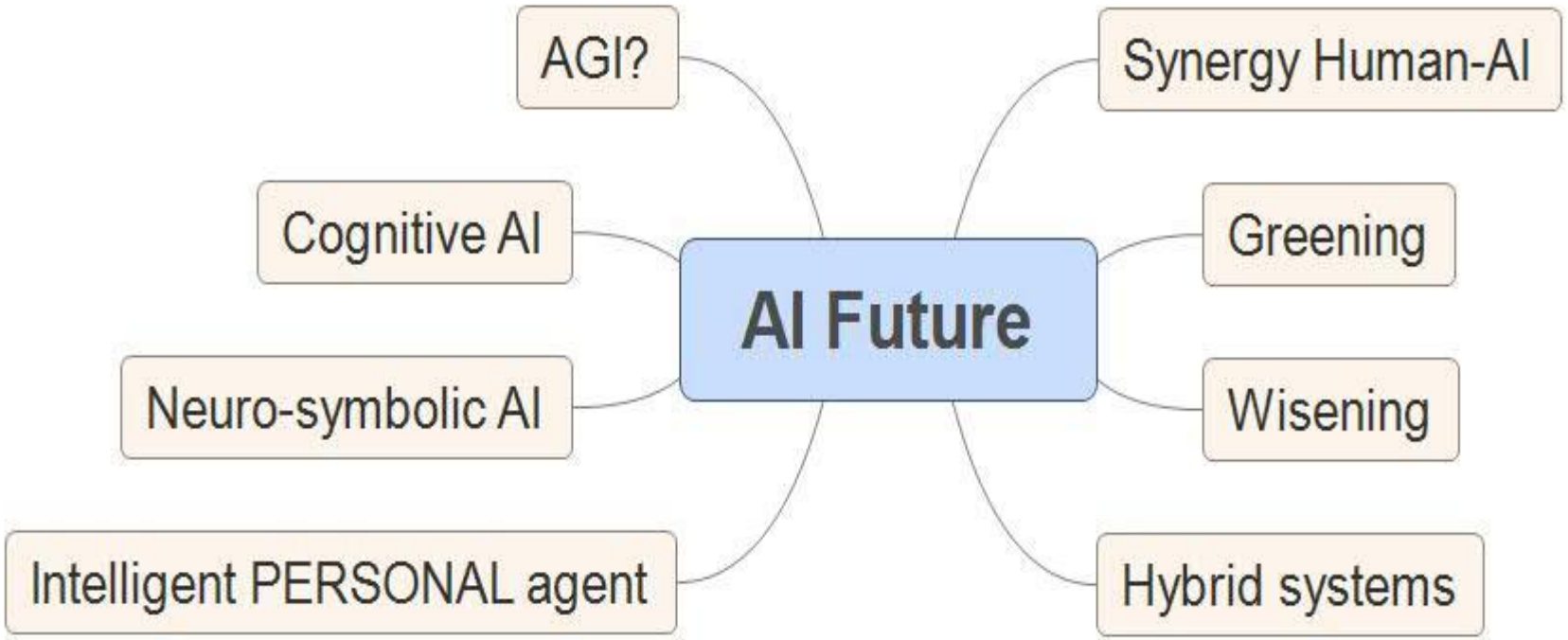
AI Today


Artificial Intelligence
Connected devices
glasses
Watches
Knowledge
Acquisition
Conceptual (Ontology)
Models
Script
Graphs
Representation
Management
Discovery
Engineering
Processing
Natural Language
Understanding
Automatic translation
Intelligent chatbots
LLMs, LCMs
Speech
Voice recognition
Image
Face recognition
Virtual reality
Extended Reality
Geit Recognition
Signal
Knowledge
WEB
Semantic web
Smart navigation
Relevant search
Terminology
Mining social networks
Hardware
AI architecture
Robots
Smart IoT
Drones
neuro-morphic
autonomous vehicles
Reasoning
Probabilistic & uncertain
Spacial & temporal
Model-based
Analogy-based
Qualititative
Inductive
Case-based
Machine Learning
Artificial Neural Networks
Deeplearning
Inductive and deductive
Data, text & image mining
Multistrategy ML
genetic algoritms
Evolutionary Algorithms
Statistical ML
Technology
Constraint Programming
Logic programming
Architecture of AI systems
Multimodal & Intelligent Interfaces
Swarm Intelligence
Agentic AI
Multiagent systems
Architecture
Behaviours
Cognitive
Reactive
Interaction
Methodology
Platforms
Applications & experience




AI for
Governements
Space
Sustainability
Optimization
Energy
Logistics
Software
Creativity
Engineering
Industry
VR/XR
Future Factory
eco-design
Manufacturing
Entertainment (TC14)
Education and AI Education (TC3)
Lawyers
Fintech
Business
Marketing
Global Security
cybersecurity
people security
food security
...
Health
Biotech
diagnisis
Earth science
Water management
Agriculture
Sport

Future Trends



Actions

unesco

WSIS+20 FORUM
HIGH-LEVEL EVENT
27-31 May 2024
Geneva, Switzerland

UNIDO

AI for Good

IJCAI 2025
MONTREAL

AI4S, AI4GS, AI4KM

AIAI ARTIFICIAL INTELLIGENCE APPLICATIONS & INNOVATIONS

ICIS 2026

ecai 2025
BOLOGNA

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