

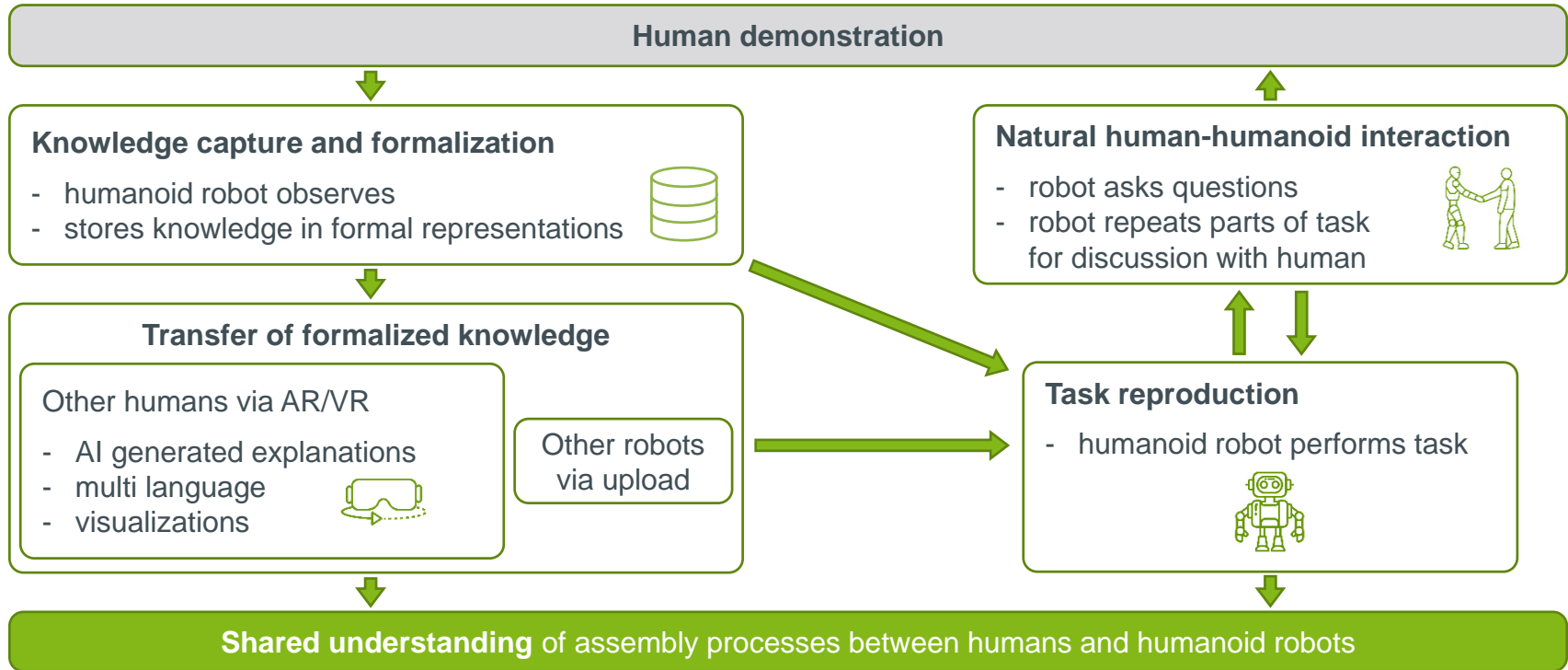
Human-Humanoid Collaboration in Manufacturing

Task and Organisational Understanding
for Flexible Manual Assembly

Institute of Production Systems
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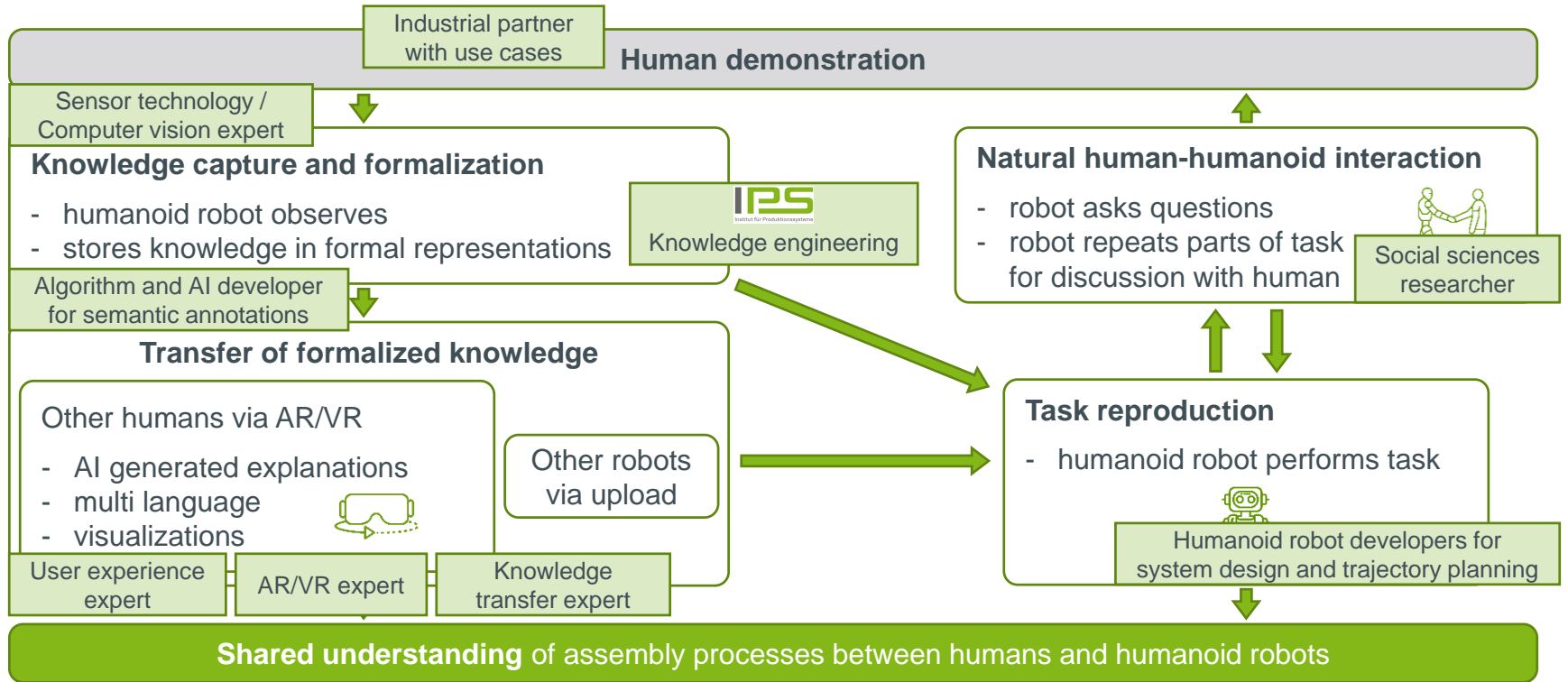
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Human-Humanoid Collaboration in Manufacturing

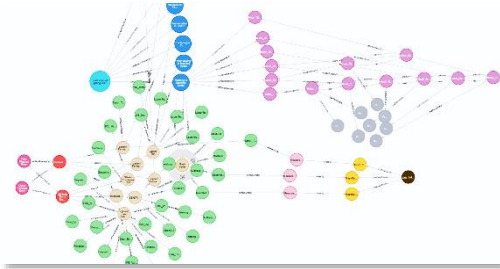
Task and Organizational Understanding for Flexible Manual Assembly



Previous Scientific and Technological Expertise

Knowledge engineering

Ontologies and semantic information models
[Bevergreen / GreenIoT4KMU]



Adaptive technical documentation [UniDoku]

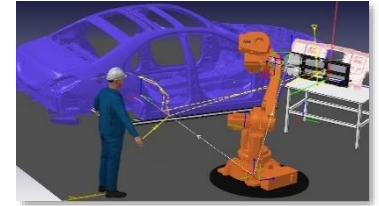
AR / VR

AR enhanced human-robot collaboration planning [KoMPI]



Human-robot collaboration

Planning and Design
[rorarob / INDIVA]



Institute of Production Systems

Motion analysis

Video-AI based assembly analysis [HAawAI]



Video-AI based training analysis [CrRETA]

Thank you very much

for your attention!

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