GAWAIN

Managing Aging Workforce with Adaptive and Intelligent Solutions

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Who We Are

- Human centred manufacturing
- Ambient Assisted Living solutions
- Ambient Intelligence
- Knowledge-based and Virtual/Augmented Reality digital frameworks
- Living Lab in Lecco (Lombardy, Italy)

- Human factors in adaptive automation
- Cognitive workload assessment
- Risk assessment and Health and Safety
- Human Machine Interface design
- Contact with Irish Manufacturing Research use cases
- Ergonomic assessment
- Collaborative Intelligence

AAL Call 2019 Central InfoDay – Brussels, 31 January 2019
Project idea

Ageing employees Characterization

Working environment & tasks

Aml system + DMS

• Expected performances
• Cognitive Workload
• Sensor-based Environmental monitoring
• Employee behaviour
• Sensor-based Employee physiological status monitoring

On-the-job Adaptive Solutions

• Digital solutions
• CPSs
• Context-based solutions

Tailored Training

• Physical training
• Cognitive training
• Soft-skills training
• VR/AR based-training

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Looking for

- Industrial Partners for ageing workforce requirements specification
- Clinical partners (ageing population’s needs)
- Technical partners with expertise in Machine Learning
- Companies interested in applying smart system, wearable sensor to ageing workforce