Virtuleap

Improve Brain Health with VR

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MANAGEMENT TEAM

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CORE TEAM

AAL Programme Call 2021
GROWING LIBRARY OF VR-BASED COGNITIVE ASSESSMENT AND TRAINING GAMES

- MAESTRO: JUL 2021
- MAGIC DECK: JUL 2021
- MEMORY WALL: JUL 2021
- PIZZA BUILDER: SEP 2021
- WHACK-A-MOLE: SEP 2021
- ASSEMBLY: MAR 2021
- HARMONIZE: MAR 2021
- BALANCE: MAY 2021
- REACT: MAY 2021
- MEMORY
- ATTENTION
- INFORMATION PROCESSING
- MOTOR
- FLEXIBILITY
- SPATIAL ORIENTATION
- PROBLEM SOLVING

AAL Programme Call 2021
CLINICAL APPLICATIONS IN THE HEALTHY AGEING MARKET

1. CORRELATE TO TRADITIONAL METHODOLOGIES
   Serve as a more effective alternative to standardized methodologies by offering a diagnostic tool that generates the same clinical outputs as commonly used by neurologists and clinicians.

2. VALIDATE TRANSFERABILITY TO DAILY LIFE ACTIVITIES
   Demonstrate that longitudinal usage offers improvement of cognitive abilities that extend into daily life activities, and serve to potentially extend and enhance long-term healthspans.

3. PREDICTIVE ALGORITHMS FOR COGNITIVE HEALTH
   Mine the volumetric datasets of VR patterns to create new digital health markers that correlate to neuroimaging in order to detect cognitive deterioration years before clinical onset.