





Breaking Boundaries

Key Findings from the ADAPTED Research
Group

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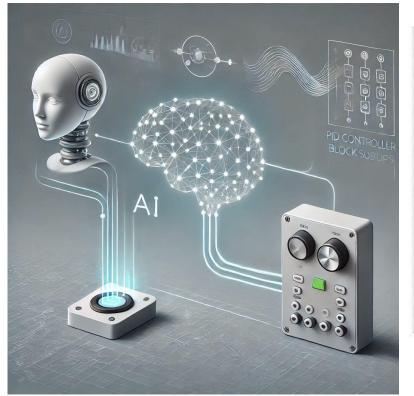


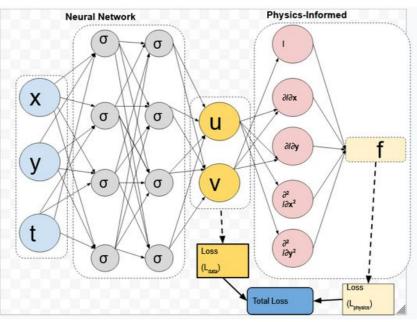




AI in Control



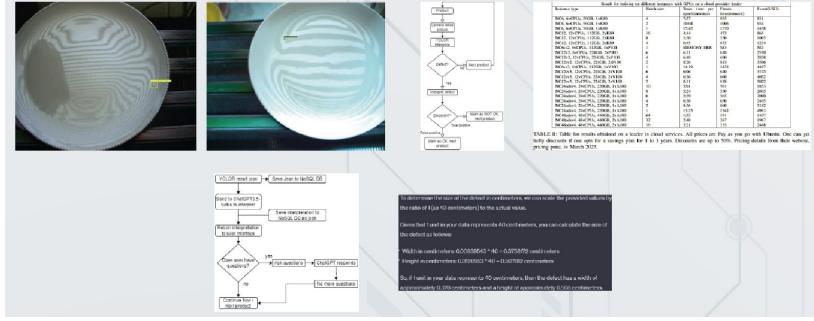






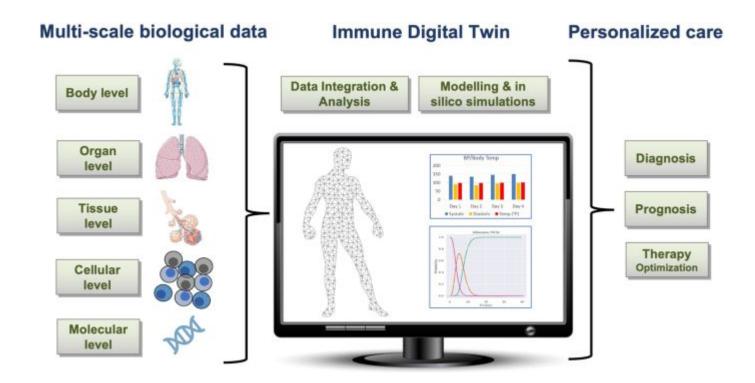
AI in Manufacturing







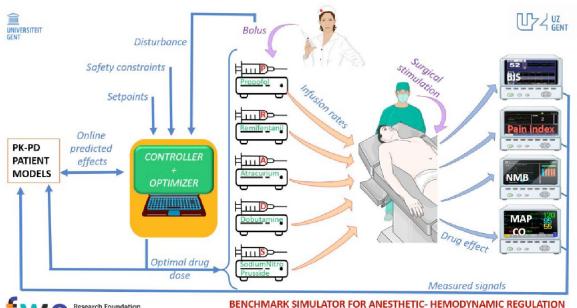


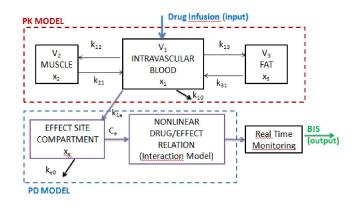




Angesthesia Control





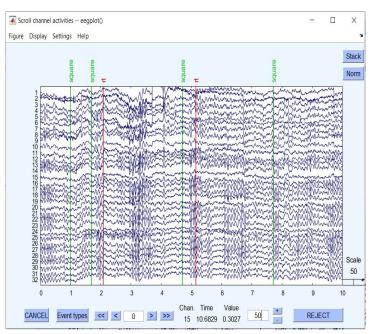


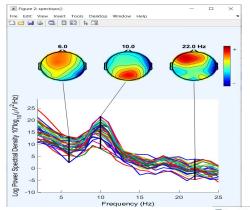


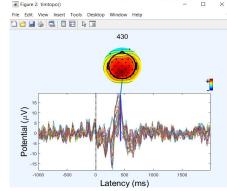
BENCHMARK SIMULATOR FOR ANESTHETIC- HEMODYNAMIC REGULATION
An Interdisciplinary Approach





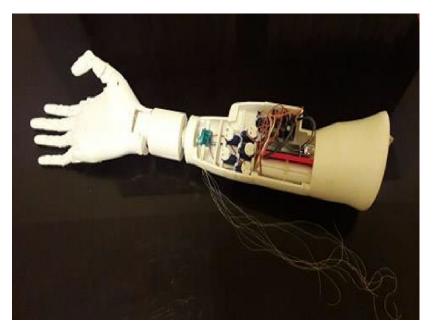


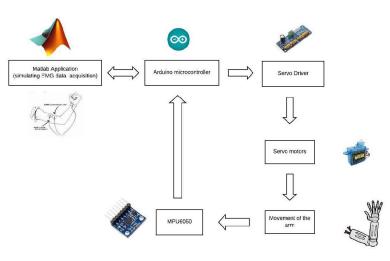






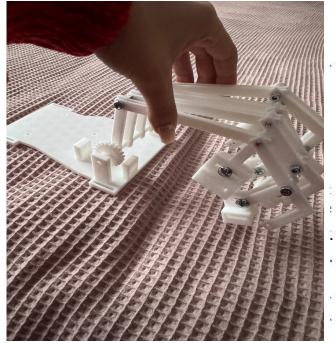


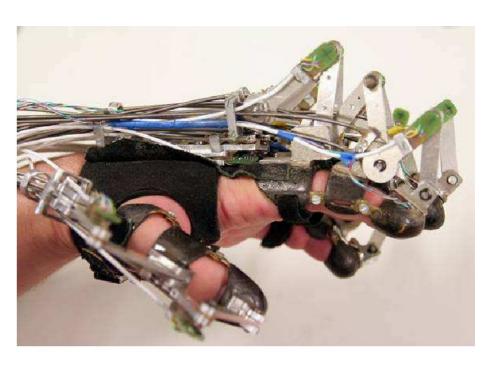






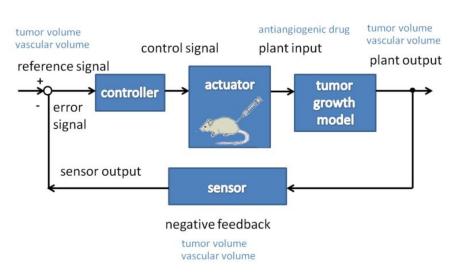


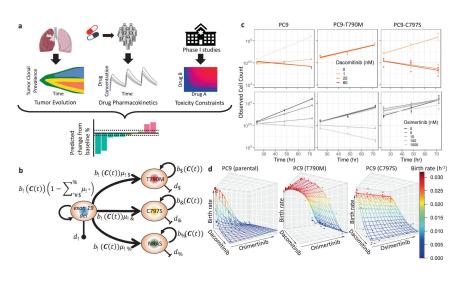






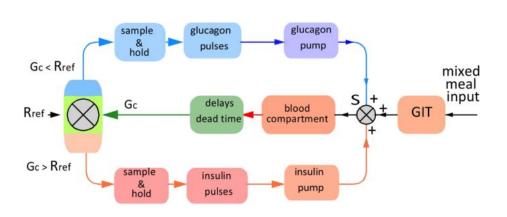








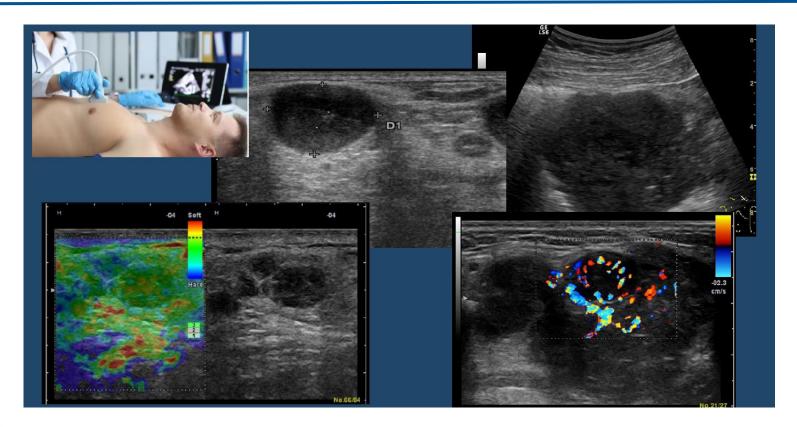
















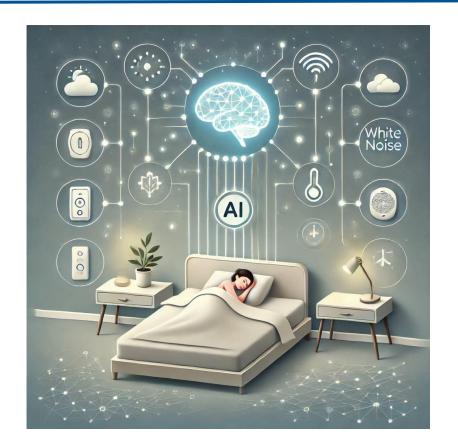






AI in Smart Homes







Significant Results – last 5 years



- > 100 research papers;
- 8 patent proposals and 1 patent;
- > 10 awards at international exhibitions of inventions;
- 10 national projects, 4 international projects;
- Significant solutions:
 - Monitoring, modelling and control of isotope separation processes;
 - Fractional order control strategies for time delay and MIMO processes.
 - Medical applications







Collaboration inquiry/offer

Open for **research collaborations**, **joint research proposals**, **knowledge transfer**

on Control Engineering, Personalized Medicine

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