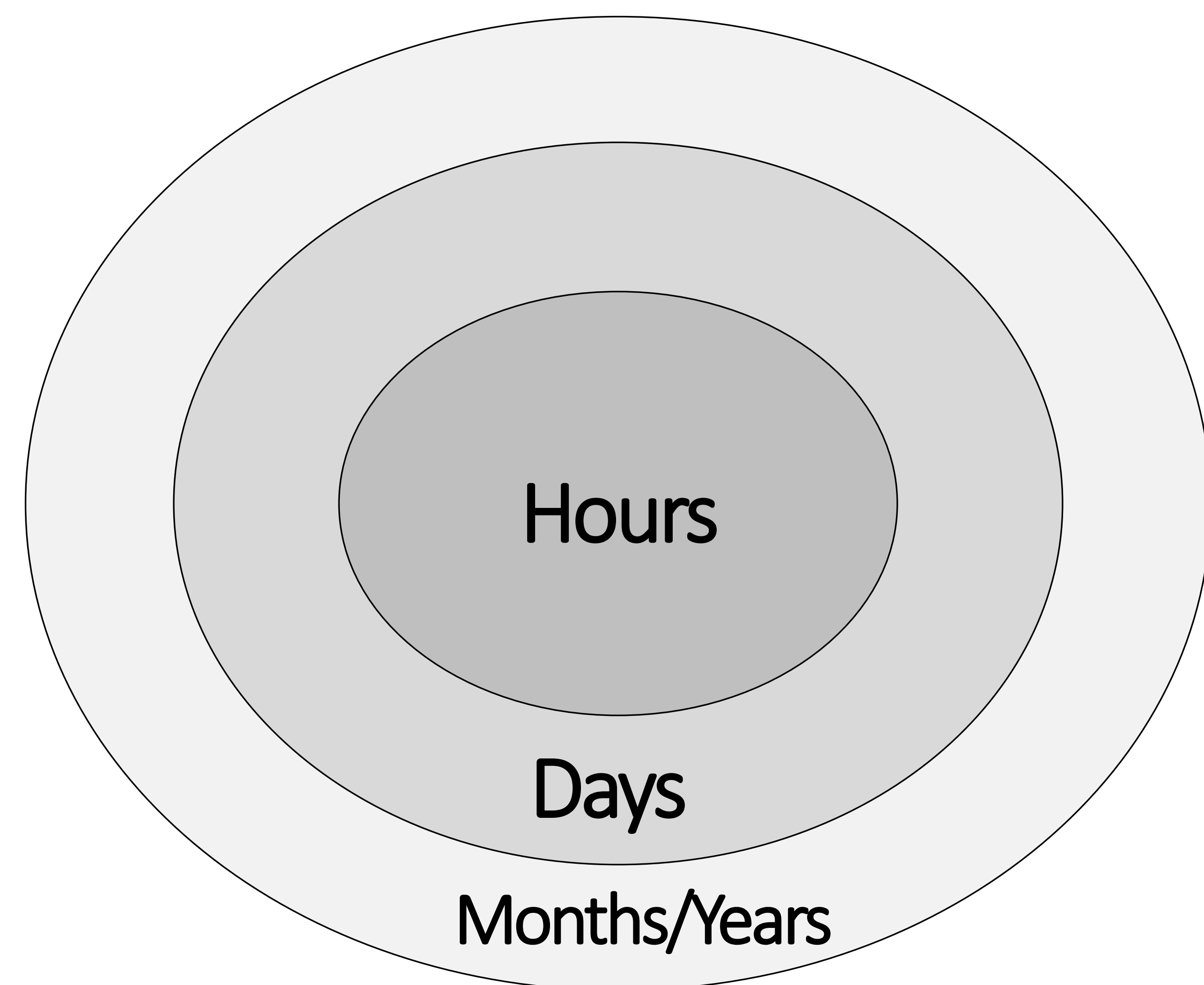


Reliable and Adaptive Shared Autonomy in Assistive Robotics



Reliability and adaptability →
Higher user acceptance and
satisfaction

Changing human abilities and preferences



Different time-scales of adaptation

Research Opportunities

- Data driven approaches to learn human preferences in sharing control.
- Robot learning from motor impaired non-expert teachers.
- Robot autonomy informed by mathematical models of neurodegeneration and rehabilitation outcomes.

