



ASPIRE

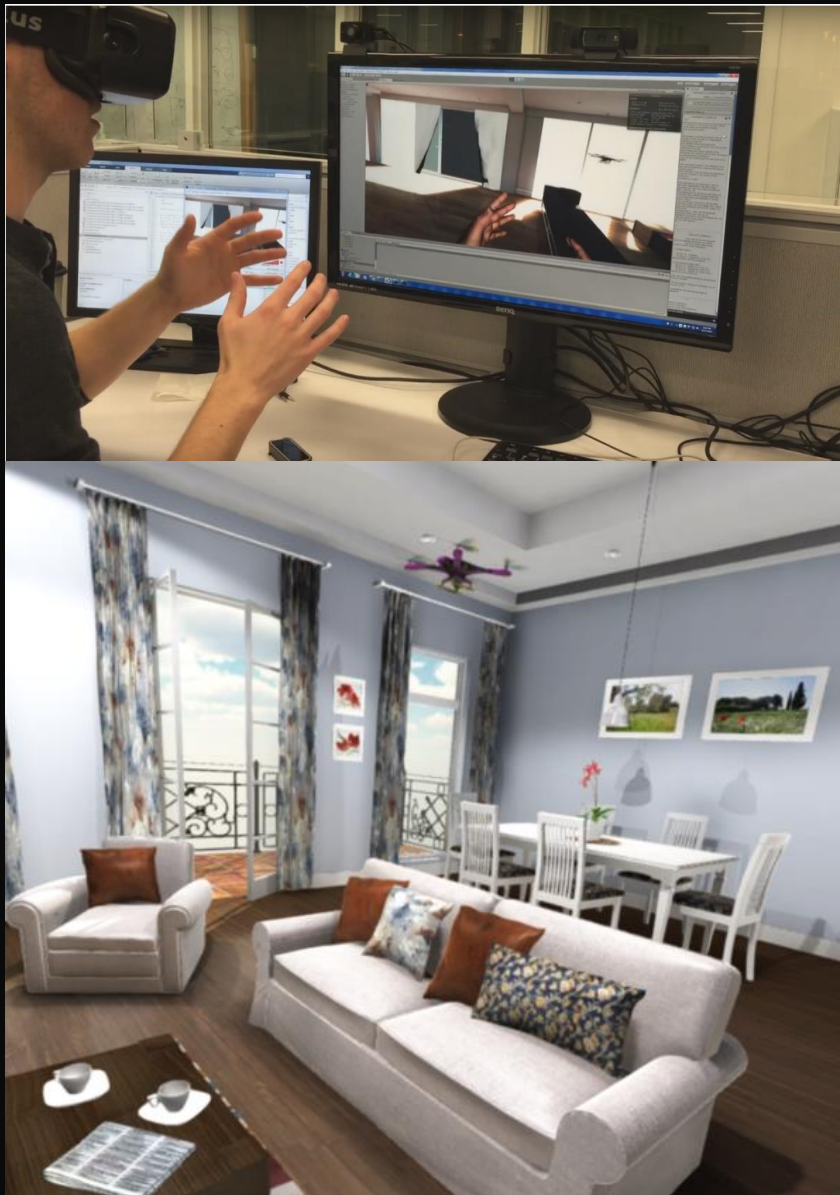


Automation Supporting Prolonged Independent Residence of the Elderly

Naira Hovakimyan • Alex Kirlik • Dusan Stipanovic • Ranxiao Francis Wang • Amy Lavers • Xiaofeng Wang • Ronald Carbonari • Camille Goudeseune

Virtual reality

Overcoming the barriers of safety in design of experimentation



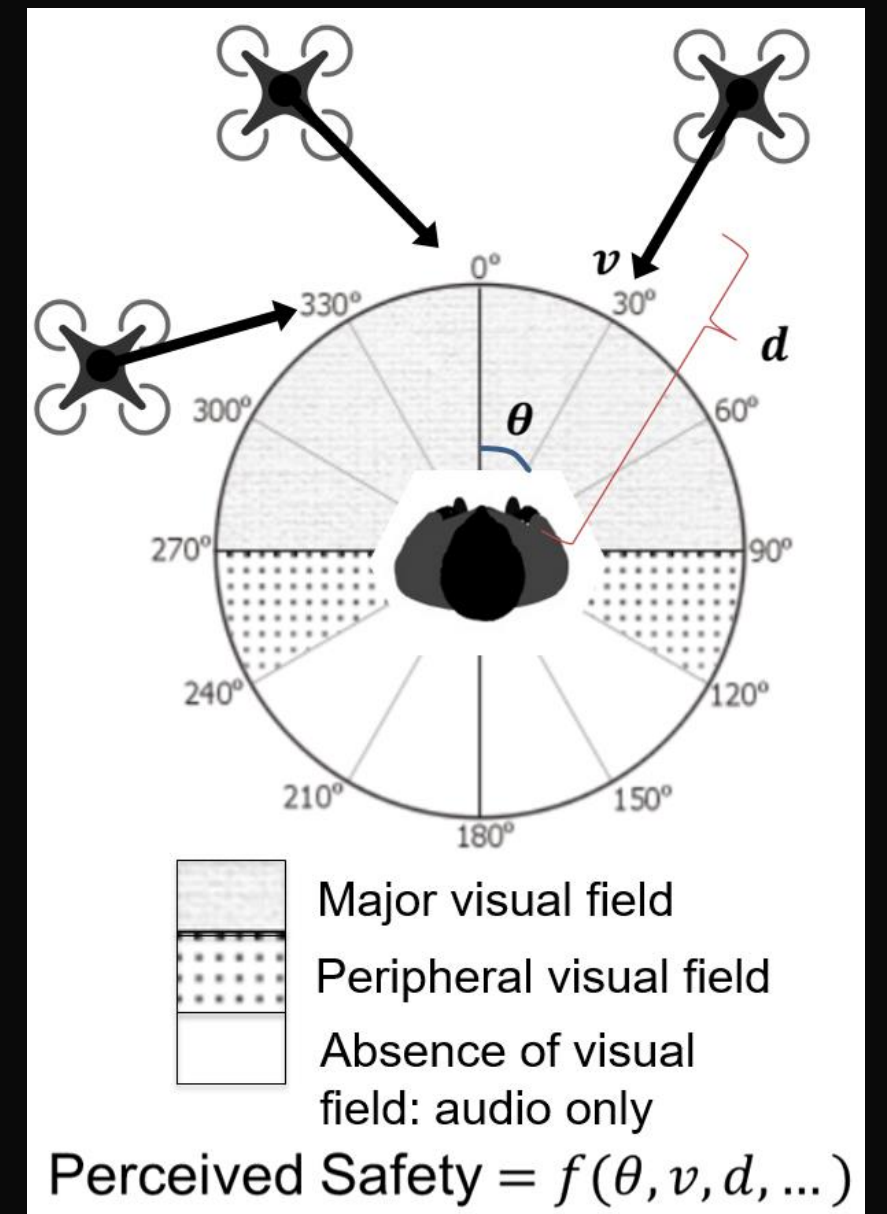
Carebots

Envisioning a future where robots can be helpful in diverse ways...



Psychology

Understanding the idea of 'perceived safety'



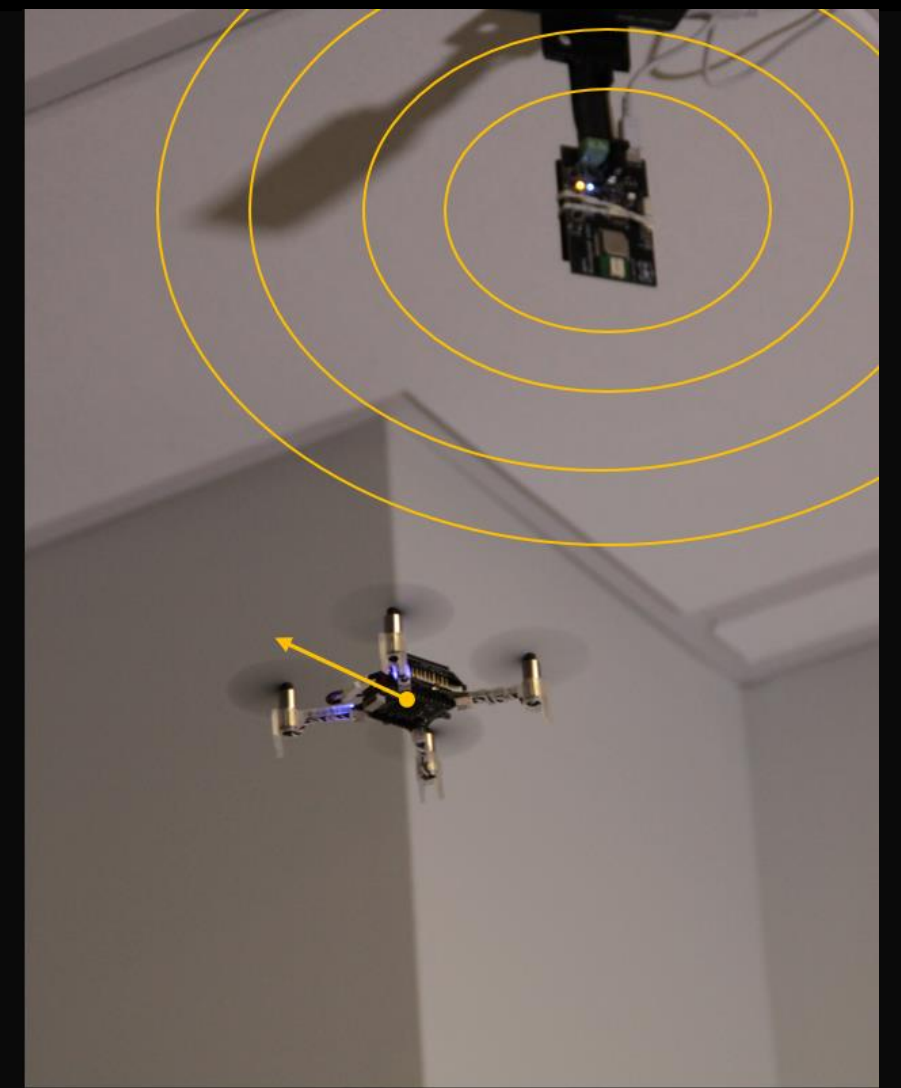
Robotic Manipulation

Solving the problem of aerial robotic manipulation



Robotic Localization

Teaching robots to know where they are in a home environment



The New York Times, 2015