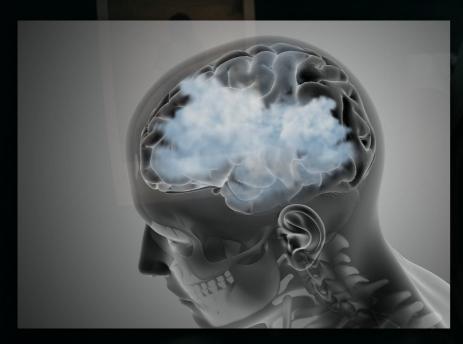


Memory in Microgravity

Designing XR Diaries for Learning and Reflection in Space

How Space Affects Human Memory & Learning



Space Fog

a form of brain fog characterized by difficulty concentrating, <u>reduced cognitive ability</u>, and confusion, due to a combination of factors like microgravity, sleep disruption, and environmental stressors.





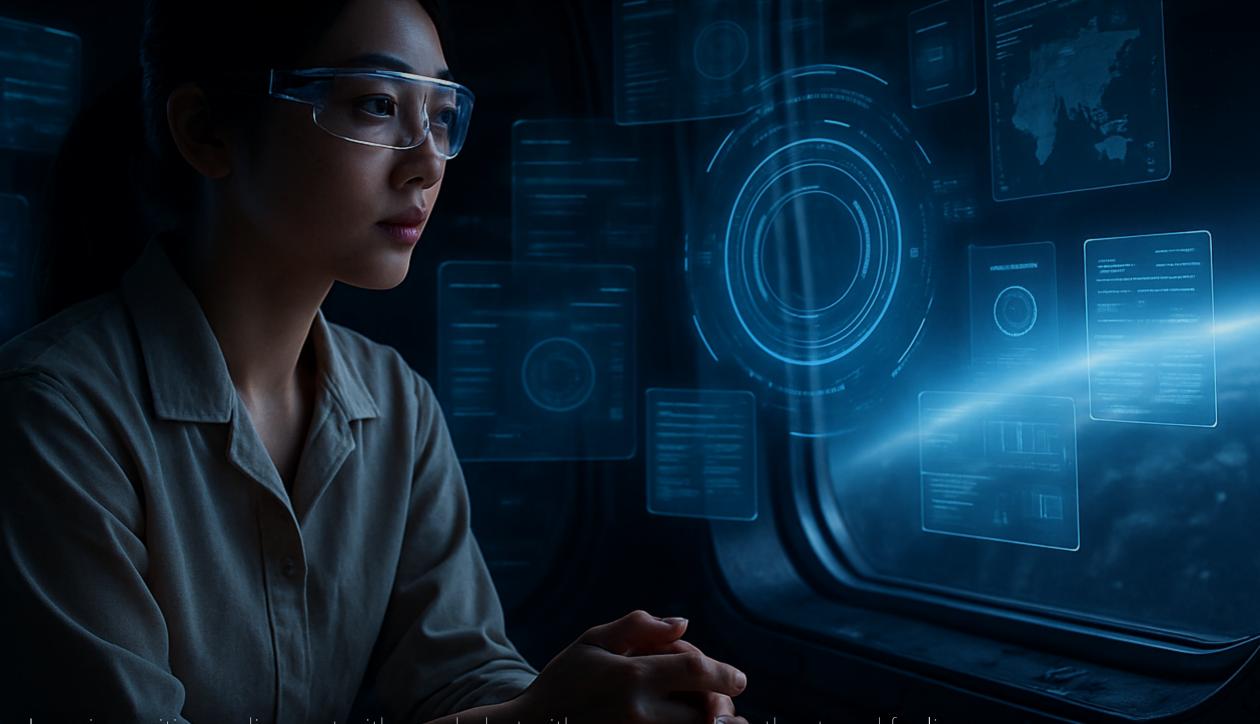
XR Learning Diary in Space:



How can we help users learn and reflect when gravity—and all familiar cues—disappear?

XR Learning Diary = A fusion of XR + AI + human senses, designed to capture experiences, stimulate reflection, and visualize memory.

it's a "thinking companion" that travels with you through space



Imagine writing a diary not with words, but with your gaze, heartbeat, and feelings.









