AstroPlum

STUDIO OS

CONSORTIUM CAPABILITY

Governed human-AI operational systems.

AstroPlum is a pre-seed technology venture in formation building Studio OS: a governed programmable technology organization designed to compress the distance between human purpose and organized capability.

Studio starts with the organization: its purpose, present reality and authority. It is designed to compose the smallest sufficient mix of humans, AI, software and external capability, then build or integrate what is needed.

WHAT WE CONTRIBUTE

Governed human-AI systems + prototype engineering

Authority before action
Explicit human or institutional authority; bounded mandates for people, agents and tools.

Evidence through execution
Provenance across steps; distinct proposed, generated, verified and accepted states.

Review at consequence
Human review, escalation and acceptance; verification of resulting state after action.

Capability, change and continuity
Purpose-led composition and qualification within defined authority, environment and evidence limits.

OPERATING PRINCIPLE



CURRENT EVIDENCE

PROTOTYPE / BOUNDED SYNTHETIC CONTEXT

A Level-1 reference organism has been built: Oakfield, a synthetic clinic-operational system. Bounded technical verification, independent review and technical continuity reconstruction are evidenced.

Open gates: working-product acceptance, accepted operation, exact-candidate security/private alpha, governed change and final customer continuity/exit. Level 1 is incomplete. Production readiness and general cross-domain transfer are unproven.

HORIZON EUROPE FIT

PRIMARY

New approaches for Human/AI collaboration for the workforce of the future

HORIZON-CL4-2027-02-DIGITAL-EMERGING-52-two-stage

Proposed fit: explicit responsibility, authority and evidence for human-AI teamwork in advanced manufacturing, with industrial and HCI partners.

RESEARCH

Automated Scientific Discovery (RAISE pilot)

HORIZON-RAISE-2027-01-01

Investigating whether governed foundations can support persistent scientific workflows while keeping observations, hypotheses, proposals, verification, human authority and accepted research state distinct.

Scientific-discovery capability is not established.

COLLABORATION SOUGHT

A specialist technical/research work-package role in an established or forming consortium; not a coordinator role. Seeking human-AI, industrial, HCI and assurance partners; automated-lab partners for the research lane.

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