

AI-Transformed Aerospace Research Group

Goals & Expected Impact	<p>“Capture 5 % of the future aerospace-AI market and open a KRW 25 trillion annual market.”</p> <ul style="list-style-type: none"><li>· Foster <b>global, cross-disciplinary talent</b> to lead <b>AI innovation in aerospace</b>.</li><li>· <b>Develop aerospace core technologies for full-cycle AI transformation</b>-shortening development time, cutting costs and accelerating market entry.</li></ul> <p><b>(Core technologies) aerospace-specialised AI LLMs; AI-driven design innovation; super-intelligent autonomous-flight AI; aerospace onboard AI; rapid-precision diagnostics AI; AI-based space communications.</b></p>	
	Recruitment	Discover <b>experts with robust aerospace fundamentals and AI-convergence skills</b> .
	Development	<ul style="list-style-type: none"><li>· Support creative, convergence-oriented <b>autonomous projects</b>;</li><li>· Offer dedicated space <b>for industry-academia-research collaboration</b>;</li><li>· Support Linkage with <b>tenure-track faculty recruitment</b> to cultivate <b>aerospace-AI innovators</b>.</li></ul>
Partner Organisations	Domestic	<ul style="list-style-type: none"><li>· Hyundai Motor, LIG Nex1, KAI, INNOSPACE, Nearthlab, Space NDT</li><li>· Seoul National Univ.</li><li>· KARI, KASI, KISTI, ETRI</li></ul>
	Overseas	<ul style="list-style-type: none"><li>· UC Berkeley, Univ. of Colorado, MIT, Caltech, Purdue Univ., ISAE-SUPAERO</li><li>· DLR, NLR</li></ul>

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