

AI-driven Space Solar Initiative

Goals & Expected Impact	<p>"AI-Driven Breakthroughs in Space Solar Power: Leading the Energy Independence Movement for the 6G Telecommunications and New Space Era."</p> <ul style="list-style-type: none">· Train post-doctoral researchers with world-class AI × space-energy expertise.· Build a ecosystem for practical space-solar-power professionals.· Develop ultra-light, high-efficiency perovskite tandem space-solar technologies. <p>(Core technologies) Flexible, ultra-light, high-stability tandem cells for 6G LEO satellite communications / stratospheric Drone; AI models predicting solar-cell performance under extreme space conditions.</p>	
Outstanding Post-doctoral Training Strategy	Recruitment	Operate a Fast-Track scheme to secure top 1 % fellows early.
	Development	<ul style="list-style-type: none">· Sponsor globally recognised AI-education programmes;· Provide mentoring from overseas scholars (EPFL, Stanford, etc.);· Create an independent research environment to cultivate AI × space-energy experts.
Partner Organisations	Domestic	<ul style="list-style-type: none">· Flexell Space· Seoul National Univ.· KRICT
	Overseas	<ul style="list-style-type: none">· Imperial College London, Oxford Uni., Imperial College London, Northwestern Uni., Stanford Uni. etc· EPFL, IBM TJ Watson Research Center, NREL, MIT etc

UNIST

Kyoung- Jin Choi
(Leader)



 choi.unist.ac.kr/

UNIST

Hyung-Joon Shin



 [sites.google.com/
site/stmshinlab/start](http://sites.google.com/site/stmshinlab/start)

UNIST

Sang Il Seok



 seoksi.unist.ac.kr/

UNIST

Changduk Yang



 yang.unist.ac.kr/

UNIST

Myoung Hoon Song



 mhsong.unist.ac.kr/

UNIST

Ju-Young Kim



 jyklab.org

UNIST

Seok Ju Kang



 [seokjukang.wixsite.com/
smel](http://seokjukang.wixsite.com/smel)

UNIST

Jiyun Kim



 themilab.com

UNIST

Moon Kee Choi



 [sites.google.com/
view/moonkeechoigroup](http://sites.google.com/view/moonkeechoigroup)

UNIST

Han-Hee Cho



 [sites.google.com/
view/hhcho-one/home](http://sites.google.com/view/hhcho-one/home)

UNIST

Dong Suk Kim



 starlab.unist.ac.kr/

UNIST

Hyeon Jeong Lee



 [sites.google.com/
view/hjlee](http://sites.google.com/view/hjlee)

UNIST

Jinhyun Kim



 [sites.google.com/
view/jinhyunkim](http://sites.google.com/view/jinhyunkim)

KAIST

Byungha Shin



 energymatlab.kaist.ac.kr/

KAIST

Jangwon Seo



 seol.kaist.ac.kr/

KAIST

Sung Gap Im



 ftfl.kaist.ac.kr/

KAIST

Himchan Cho



 ngonlab.com/

KAIST

Dae Hwan Kim





KAIST

Hyunmin Kim





KAIST

Shi Joon Sung





KAIST

Jongmin Choi



 [sites.google.com/view/
choisresearchgroup/home](http://sites.google.com/view/choisresearchgroup/home)

GIST

Sanghan Lee



 sanghan.gist.ac.kr

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