

Laboratories/Research groups taking part in the TEAM project at Gwangju Institute of Science and Technology (GIST)

Thematic field	Laboratory/ research groups and subjects	More details	Website	Contact person	Contact email
Electronic Engineering, Telecommunications	School of Information & Communications	development of core technologies for the future in the area of audio/video data processing, photonics technologies, semiconductors, wireless communications, signal processing, and information processing	https://infcom1.gist.ac.kr/eng	JongWon Kim	jongwon@gist.ac.kr
Electronic Engineering, Telecommunications	Communication and Networking (SDN/NFV/Cloud & IoT/BigData)	Networked Computing Systems	https://nm.gist.ac.kr	JongWon Kim	jongwon@gist.ac.kr
Informatics, Computer Science	PostDoc on HPC (High Performance Computing) & Cloud	HPC (High Performance Computing) & Cloud	http://scent.gist.ac.kr	JongWon Kim	jongwon@gist.ac.kr
Electrical Engineering, Medical Technology	Neuro/Onco-photonics: Light-based medical technology	Biomedical in vivo Opto-scopy (BiOs Lab) laboratory develops clinically translatable technology by use of bio- photonics. Current projects are driven to tackle key diseases related to brain or cancer by use of ICT engineering approaches.	http://bioscopy.gist.ac.kr	Euiheon Chung	ogong50@gist.ac.kr
Biomedical Science and Engineering	Biomedical Engineering	Our lab is conducting studies of breast cancer treatment prognosis, brain stimulation, skin diagnosis, personalized cupping therapy, and so on using optical	http://biophotonics.gist.ac.kr	Jae Gwan Kim	jaekim@gist.ac.kr

		techniques of near-infrared spectroscopy, laser speckle imaging, and diffuse speckle contrast analysis.			
Material Science and Engineering	Material Science and Engineering	<ul style="list-style-type: none"> · Optimization of device fabrication for 2D material such as graphene, MoS2, and WS2. · Analyzing mechanisms and principle of device operation, based on 2D material or silicon, through advanced electrical characterization measurement. · Fabrication and analyzing of 2D material based applications such as photo detector, touch sensor, memory device, interconnect, 3D stacking, and multi valued logic device. · Modeling and simulation of device operation based on 2D material or silicon. 	http://gistexel.com	Byoung Hun Lee	bhl@gist.ac.kr
Electrical Engineering /Computer Science	Electrical Engineering /Computer Science	Information Processing, Artificial Intelligence, Informatics, Automatic Control, Signal Processing, Communications, Optoelectronics	http://infonet.gist.ac.kr/	Heung-No Lee	heungno@gist.ac.kr
Electrical Engineering	Electrical Engineering	<ul style="list-style-type: none"> · Software-defined infrastructure for cyber-physical system and industrial internet. · MAC and routing for full-duplex wireless communication networks. 	http://wits.gist.ac.kr	Hyuk Lim	hlim@gist.ac.kr