

Institute for Infocomm Research (i2r)

No.	Department	A*STAR Supervisor's Name	Email	Project Title	Degree Awarded By Upon Graduation
1	Aural & Language Intelligence	Wu Kui	wuk@i2r.a-star.edu.sg	Machine Translation Multilingual NLP	NUS/NTU/SUTD
2	Aural & Language Intelligence	Tran Huy Dat	hdtran@i2r.a-star.edu.sg	Audio Analytic & Speech Recognition Solutions	NUS/NTU/SUTD
3	Aural & Language Intelligence	Chen Fang Yih Nancy	nfychen@i2r.a-star.edu.sg	Conversational AI; Natural language processing, understanding and generation; Speech and dialogue processing; Computer-assisted language learning; Machine comprehension; Lifelong learning	NUS/NTU/SUTD
4	Aural & Language Intelligence	Dong Minghui	mhdong@i2r.a-star.edu.sg	Speech Synthesis, Singing Synthesis, Voice Conversion, Natural Language Processing	NUS/NTU/SUTD
5	Aural & Language Intelligence	You Changhui	echyou@i2r.a-star.edu.sg	Speech Synthesis, Voice Conversion, Speech Recognition, Speaker Recognition, Speech Enhancement	NUS/NTU/SUTD

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6	Aural & Language Intelligence	Sun Hanwu	hwsun@i2r.a-star.edu.sg	Voice Biometric Solutions	NUS/NTU/SUTD
7	Aural & Language Intelligence	Chen Bin	bchen@i2r.a-star.edu.sg	Natural Language Processing; Information Extraction; Named Entity Recognition; Coreference/Ellipses Resolution; Discourse Relation; Sentiment/Emotion Analysis Semantic Understanding (Text-to-SQL) NLP application on Social Media and Dialogue contents	NUS/NTU/SUTD
8	Aural & Language Intelligence	Su Jian	sujian@i2r.a-star.edu.sg	information extraction, Sentiment Analysis, Natural Language Processing, Text Mining	NUS/NTU/SUTD
9	Aural & Language Intelligence	Jiang Ridong	rjiang@i2r.a-star.edu.sg	Natural language understanding Question answering Spoken dialogue system	NUS/NTU/SUTD
10	Aural & Language Intelligence	Zou Bowei	zou_bowei@i2r.a-star.edu.sg	Natural language processing, machine reading comprehension, dialogue modeling, deep learning	NUS/NTU/SUTD

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No.	Department	A*STAR Supervisor's Name	Email	Project Title	Degree Awarded By Upon Graduation
11	Aural & Language Intelligence	Luong Trung Tuan	luong-tt@i2r.a-star.edu.sg	Audio & Speech Embedded Solutions	NUS/NTU/SUTD
12	Aural & Language Intelligence	Lu Yanfeng	luyf@i2r.a-star.edu.sg	Speech Synthesis, Voice Conversion, Text Analysis, Deep Learning	NUS/NTU/SUTD
13	Aural & Language Intelligence	Jiang Ridong	rjiang@i2r.a-star.edu.sg	Question & Answering	NUS/NTU/SUTD
14	Communications & Networks	Sun Sumei	sunsm@i2r.a-star.edu.sg	5G and beyond; Industrial IoT; Cognitive communications & Networks; Machine-learning in wireless communications; Communications-computing-control integrative design; Cyber physical systems	NUS/NTU/SUTD
15	Communications & Networks	Sun Sumei	sunsm@i2r.a-star.edu.sg	5G and beyond; Industrial IoT; Cognitive communications & Networks; Machine-learning in wireless communications; Communications-computing-control integrative design; Cyber physical systems	NUS/NTU/SUTD
16	Communications & Networks	Sivanand s/o Krishnan	sianand@i2r.a-star.edu.sg	Indoor Localization	NUS/NTU/SUTD
17	Communications & Networks	Ernest Kurniawan	ekurniawan@i2r.a-star.edu.sg	Blockchain distributed ledger technology for industrial applications	NUS/NTU/SUTD

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18	Communications & Networks	Ernest Kurniawan	ekurniawan@i2r.a-star.edu.sg	Blockchain distributed ledger technology for industrial applications	NUS/NTU/SUTD
19	Communications & Networks	Ernest Kurniawan	ekurniawan@i2r.a-star.edu.sg	Blockchain distributed ledger technology for industrial applications	NUS/NTU/SUTD
20	Communications & Networks	Zeng Yonghong	yhzeng@i2r.a-star.edu.sg	New radio access technologies, Joint radar and communication, Ultra reliability and low latency communication (URLLC), V2V and V2X communication, Pervasive localization for IOT	NUS/NTU/SUTD
21	Communications & Networks	Jaya Shankar s/o Pathmasuntharam	jshankar@i2r.a-star.edu.sg	AI approaches for advance coordination and optimization of distributed traffic control Traffic Engineering & Distributed Optimization	NUS/NTU/SUTD
22	Communications & Networks	Peng Xiaoming	pengxm@i2r.a-star.edu.sg	Future Wireless communication, Satellite-based Communication and Tracking Payload	NUS/NTU/SUTD

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23	Communications & Networks	Chai Chin Choy	chaicc@i2r.a-star.edu.sg	Cellular mobile radio communications & networks; wireless communications & networks; MIMO networks; 5G and beyond; cognitive communications & networks; optimization of electric power systems; smart grids; energy efficiency; electric vehicle; microgrids; sustainable energy systems; smart power and renewable energy systems.	NUS/NTU/SUTD
24	Communications & Networks	Ma Yugang	mayg@i2r.a-star.edu.sg	<ol style="list-style-type: none"> 1. MIMO radar detection with AI technologies; 2. Localization and context awareness in 5G and beyond; 3. Wireless time synchronization. 	NUS/NTU/SUTD
25	Communications & Networks	Ashok Kumar Marath	ashok@i2r.a-star.edu.sg	Cellular Communication Systems, 5G, IIoT, Cognitive communications & Networks, Machine-learning in wireless communications, Cyber physical systems, Wireless Positioning	NUS/NTU/SUTD
26	Cybersecurity	Yeo Sze Ling	slyeo@i2r.a-star.edu.sg	Coding Mathematics and Cryptography	NUS/NTU/SUTD

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27	Cybersecurity	Jin Chao	jin_chao@i2r.a-star.edu.sg	Privacy Enhancing Technologies, Distributed Computing, Machine Learning	NUS/NTU/SUTD
28	Cybersecurity	Khin Mi Mi Aung	mi_mi_aung@i2r.a-star.edu.sg	Privacy Enhancing Technologies, Data Security, Machine Learning	NUS/NTU/SUTD
29	Cybersecurity	Teo Sin Gee	teosg@i2r.a-star.edu.sg	Security Multi-Party Computation, Federating Learning, Privacy-Preserving Machine Learning/Deep Learning, Blockchain, Malware Detection and Prediction using AI techniques	NUS/NTU/SUTD
30	Cybersecurity	Chitra Javali	chitra_javali@i2r.a-star.edu.sg	Cybersecurity for autonomous systems, Machine learning/Deep Learning	NUS/NTU/SUTD
31	Machine Intellection	Kim Jung Jae	jjkim@i2r.a-star.edu.sg	Deep learning for dialogue understanding and language generation Semantic text analytics with knowledge engineering Bridging vision and language with deep learning Human-machine interaction with language understanding/generation	NUS/NTU/SUTD

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32	Machine Intelligence	Kanagasabai Rajaraman	kanagasa@i2r.a-star.edu.sg	High-dimensional data search, hardware-based fuzzy search, multimedia fingerprinting, formerly Voice over IP	NUS/NTU/SUTD
33	Machine Intelligence	Ng Wee Siong	wsng@i2r.a-star.edu.sg	Data management, big data processing, stream processing	NUS/NTU/SUTD
34	Machine Intelligence	Li Xiaoli	xli@i2r.a-star.edu.sg	Big Data Analytics, Advanced Machine Learning, Social Network Analysis, Biological Network Analysis, Sensor Data Analytics, Recommendation Systems, social media analysis	NUS/NTU/SUTD
35	Machine Intelligence	Li Xiaoli	xli@i2r.a-star.edu.sg	Big Data Analytics, Advanced Machine Learning, Social Network Analysis, Biological Network Analysis, Sensor Data Analytics, Recommendation Systems, social media analysis	NUS/NTU/SUTD
36	Machine Intelligence	Liu Guimei	liug@i2r.a-star.edu.sg	Frequent pattern mining, association rule mining, exploratory hypothesis testing; recommendation systems	NUS/NTU/SUTD

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No.	Department	A*STAR Supervisor's Name	Email	Project Title	Degree Awarded By Upon Graduation
37	Machine Intellection	Wu Min	wumin@i2r.a-star.edu.sg	Data Mining; Machine Learning; Bioinformatics	NUS/NTU/SUTD
38	Machine Intellection	Xue Yang	xuey@i2r.a-star.edu.sg	The application of machine learning in semiconductor, manufacturing and engineering domains	NUS/NTU/SUTD
39	Machine Intellection	Xiang Shili	sxiang@i2r.a-star.edu.sg	Spatio-Temporal Data Analysis, Time-series Data Analysis, Anomaly Detection	NUS/NTU/SUTD
40	Machine Intellection	Savitha Ramasamy	ramasamysa@i2r.a-star.edu.sg	Deep Learning, Predictive Analytics, Online learning, Machine condition monitoring	NUS/NTU/SUTD
41	Machine Intellection	Liu Shudong	liush@i2r.a-star.edu.sg	Dynamic stochastic Optimization, Deep neural networks, Integration of AI and OR	NUS/NTU/SUTD

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No.	Department	A*STAR Supervisor's Name	Email	Project Title	Degree Awarded By Upon Graduation
42	Machine Intellection	Foo Chuan Sheng	foocs@i2r.a-star.edu.sg	Data-efficient deep learning Deep generative models Deep learning for precision medicine	NUS/NTU/SUTD
43	Machine Intellection	Lin Jie	lin-j@i2r.a-star.edu.sg	Hardware-Software co-optimization via Deep Learning	NUS/NTU/SUTD
44	Machine Intellection	Vijay Ramaseshan Chandrasekhar	vijay@i2r.a-star.edu.sg	Presently, he is not supervising students. A review to be done when he comes back to work.	NUS/NTU/SUTD
45	Machine Intellection	Shen Li	lshen@i2r.a-star.edu.sg	Computational photography, Image processing, Deep Learning	NUS/NTU/SUTD
46	Machine Intellection	Ramanpreet Singh Pahwa	ramanpreet_pahwa@i2r.a-star.edu.sg	Computer Vision in relation to Deep learning, Co-integration of Robotics with Deep Learning and Vision Application.	NUS/NTU/SUTD

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47	Machine Intellection	Zeng Zeng	zengz@i2r.a-star.edu.sg	Deep Learning in Semicon Application	NUS/NTU/SUTD
48	Machine Intellection	Pavitra Krishnaswamy	pavitrak@i2r.a-star.edu.sg	integration of bayesian methodologies with deep learning; white-box deep learning; next generation deep learning for biomedical imaging; predictive analytics for multimodal and/or non-stationary biomedical data; advanced methods for personalized clinical decision support	NUS/NTU/SUTD
49	Machine Intellection	Pavitra Krishnaswamy	pavitrak@i2r.a-star.edu.sg	integration of bayesian methodologies with deep learning; white-box deep learning; next generation deep learning for biomedical imaging; predictive analytics for multimodal and/or non-stationary biomedical data; advanced methods for personalized clinical decision support	NUS/NTU/SUTD

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50	Machine Intellection	Yang Huijuan	hjiang@i2r.a-star.edu.sg	Advanced deep learning for medical image analysis, annotation, anomaly detection and interpretation Deep, Active and Transfer Learning applied to Medical Image Analysis Advanced machine learning methods for Neural and EEG Signal Decoding, research area: machine learning and Brain Machine (Computer) Interface.	NUS/NTU/SUTD
51	Machine Intellection	Chen Zhenghua	chen_zhenghua@i2r.a-star.edu.sg	Projects: Industrial Internet of Things; Lean from Less Data / Area: Deep Learning; Transfer Learning; Machine Health Monitoring; Human Activity Recognition; Localization	NUS/NTU/SUTD
52	Machine Intellection	Zhao Bing	zhao_bing@i2r.a-star.edu.sg	Human-AI Cooperation in Trajectory Semantic Annotation / Active Learning, Reinforcement Learning, Machine Learning, Deep Learning	NUS/NTU/SUTD

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No.	Department	A*STAR Supervisor's Name	Email	Project Title	Degree Awarded By Upon Graduation
53	Machine Intellection	GENG Xue	geng_xue@i2r.a-star.edu.sg	Neural Network Quantization; Neural Network Pruning	NUS/NTU/SUTD
54	Machine Intellection	Chen Cen	chen_cen@i2r.a-star.edu.sg	Machine Learning & Deep Learning, Parallel & Distributed Computing for Machine Learning & Deep Learning	NUS/NTU/SUTD
55	Machine Intellection	Ashish James	ashish_james@i2r.a-star.edu.sg	Deep learning for circuit architecture optimization, Uncertainty estimates in deep learning, Bayesian deep learning	NUS/NTU/SUTD

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56	Machine Intellection	ArulMurugan Ambikapathi	arulmurugan_ambikapathi@i2r.a-star.edu.sg	Advanced Deep Learning Research and Applications, Robust Representations, Invertible Neural Networks, Biomedical Image Analysis, Design of Experiments	NUS/NTU/SUTD
57	Machine Intellection	Truong Huu Tram	truonght@i2r.a-star.edu.sg	Machine learning and deep learning for network security (network anomaly detection attack detection, attack attribution), machine learning and deep learning for malware analysis, detection and attribution (family classification, MITRE ATT&CK attribution), federating learning, machine learning and deep learning pipeline optimization.	NUS/NTU/SUTD
58	Machine Intellection	Cai Lile	caill@i2r.a-star.edu.sg	Data efficient learning, e.g., active learning, few-shot, semi-supervised/weakly supervised learning, for semantic segmentation	NUS/NTU/SUTD

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59	Machine Intellection	Zhang Le	zhangl@i2r.a-star.edu.sg	Machine Learning, Deep Learning, Computer Vision	NUS/NTU/SUTD
60	Machine Intellection	Senthilnath Jayavelu	j_senthilnath@i2r.a-star.edu.sg	Reinforcement learning, optimization, online learning and deep learning	NUS/NTU/SUTD
61	Machine Intellection	Wu Jiyan	wu_jiyan@i2r.a-star.edu.sg	Mobile computing, industrial internet-of-things, data analytics, federated learning	NUS/NTU/SUTD
62	Robotics & Autonomous Systems	Wu Yan	wuy@i2r.a-star.edu.sg	Human-robot Interaction; Assistive Robotics and Technology; Robot Skills Acquisition and Learning	NUS/NTU/SUTD
63	Robotics & Autonomous Systems	Wan Kong Wah	kongwah@i2r.a-star.edu.sg	Interactive perception for mobile robots, deep learning-based navigation	NUS/NTU/SUTD
64	Robotics & Autonomous Systems	Wang Jiangan	jgawang@i2r.a-star.edu.sg	Perception for navigation in bad weather, multi-modal sensor fusion for robot and AV navigation	NUS/NTU/SUTD

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65	Robotics & Autonomous Systems	Tee Keng Peng	kptee@i2r.a-star.edu.sg	Control theory, robotics, motor learning, brain-computer interface	NUS/NTU/SUTD
66	Robotics & Autonomous Systems	Yau Wei Yun	wyyau@i2r.a-star.edu.sg	Robot with tactile sensing capability, human-robot teaming, robot learning from human and intelligent robot system for real world operation	NUS/NTU/SUTD
67	Robotics & Autonomous Systems	Li Jun	jli@i2r.a-star.edu.sg	Multi-modal perception for robot navigation in crowd, deep learning-based navigation approach	NUS/NTU/SUTD
68	Robotics & Autonomous Systems	Albertus Hendrawan Adiwahono	adiwahonoah@i2r.a-star.edu.sg	Humanoid Robot Control, Robot Navigation, Intelligent robot navigation and teaming, Legged robot system	NUS/NTU/SUTD
69	Robotics & Autonomous Systems	Jiang Wenyu	wjiang@i2r.a-star.edu.sg	Hardware-assisted machine learning, Neuromorphic computing, hardware-software co-design for on-chip learning	NUS/NTU/SUTD

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70	Robotics & Autonomous Systems	Chuah Meng Yee	michael_chuah@i2r.a-star.edu.sg	Legged Robotics; Tactile Force Sensing and Control; Mechatronics; Reinforcement Learning	NUS/NTU/SUTD
71	Robotics & Autonomous Systems	You Yangwei	you_yangwei@i2r.a-star.edu.sg	Outdoor navigation of legged robots in challenging terrain, Coordination or robot with leg and arm for performing tasks using machine learning	NUS/NTU/SUTD
72	Robotics & Autonomous Systems	Saurab Verma	saurab_verma@i2r.a-star.edu.sg	Multi-agent SLAM for very large spaces, multi-sensor fusion for robot localization	NUS/NTU/SUTD
73	Robotics & Autonomous Systems	Jing Wei	jing_wei@i2r.a-star.edu.sg	Robotic learning; robotic task and motion planning; multi-agent planning and learning; deep learning and reinforcement learning for robotics	NUS/NTU/SUTD

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74	Robotics & Autonomous Systems	Acar Cihan	acar_cihan@i2r.a-star.edu.sg	Deep Reinforcement Learning (DRL) for Robotics; Learning Based Motion Planning Manipulation, Grasping	NUS/NTU/SUTD
75	Robotics & Autonomous Systems	Liang Wenyu	liang_wenyu@i2r.a-star.edu.sg	<p>Dexterous Manipulation through Sense of Touch</p> <p>This project is to develop algorithms and framework for robotic motion planning and control with the sophisticated tactile-based decision that enable robots to perform fast closed-loop manipulation tasks in occluded and/or vision-denied environments and on deformable objects.</p>	NUS/NTU/SUTD
76	Signal Processing, RF & Optical	Xie Shoulie	slxie@i2r.a-star.edu.sg	Deep Learning and Sparse Representation for Image Processing and Analysis	NUS/NTU/SUTD
77	Signal Processing, RF & Optical	Zhang Zhuo	zzhang@i2r.a-star.edu.sg	Deep Learning for BCI applications	NUS/NTU/SUTD

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78	Signal Processing, RF & Optical	Ang Kai Keng	kkang@i2r.a-star.edu.sg	Brain Machine Interface (BMI)	NUS/NTU/SUTD
79	Signal Processing, RF & Optical	Rosa Qi Yue So	rosa-so@i2r.a-star.edu.sg	Brain Machine Interface (BMI), Neural decoding, Neuromodulation	NUS/NTU/SUTD
80	Signal Processing, RF & Optical	Zhang Haihong	hhzhang@i2r.a-star.edu.sg	Brain-Computer Interface and Applications	NUS/NTU/SUTD
81	Signal Processing, RF & Optical	Yang Tao	tyang@i2r.a-star.edu.sg	Robotics and BCI Techniques integration	NUS/NTU/SUTD
82	Signal Processing, RF & Optical	Shu Haiyan	hshu@i2r.a-star.edu.sg	Multimedia Signal Processing & Data Analytics	NUS/NTU/SUTD
83	Signal Processing, RF & Optical	Hu Juanjuan	jjhu@i2r.a-star.edu.sg	Fundamental research in photonics and optics. Specifically, optics of photonic crystals, microstructure d optical fiber (MOF) and MOF-based devices for telecommunic ations and sensors applications	NUS/NTU/SUTD

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84	Signal Processing, RF & Optical	Hao Jianzhong	haoemily@i2r.a-star.edu.sg	Fiber Optic Sensors, Bio-sensors	NUS/NTU/SUTD
85	Signal Processing, RF & Optical	Zheng Jinghong	jzheng@i2r.a-star.edu.sg	Signal processing, High dynamic range image, Video processing, Energy system modelling, optimisation & data analytics	NUS/NTU/SUTD
86	Signal Processing, RF & Optical	Zhu Yongwei	ywzhu@i2r.a-star.edu.sg	Signal processing and data analytics for IoT	NUS/NTU/SUTD
87	Signal Processing, RF & Optical	Li Zhengguo	ezgli@i2r.a-star.edu.sg	Image and video processing and delivery, QoS, switched and impulsive control	NUS/NTU/SUTD
88	Signal Processing, RF & Optical	Nasimuddin .	nasimuddin@i2r.a-star.edu.sg	Antenna, Metamaterial antenna	NUS/NTU/SUTD
89	Visual Intelligence	Lu Zhongkang	zklu@i2r.a-star.edu.sg	Medical Image Processing, Artificial Intelligence & Pattern Recognition	NUS/NTU/SUTD
90	Visual Intelligence	Huang Weimin	wmhuang@i2r.a-star.edu.sg	Machine learning and image processing for applications in medical imaging and analysis	NUS/NTU/SUTD
91	Visual Intelligence	Fong Wee Teck	wtfong@i2r.a-star.edu.sg	Augmented Reality, Computer Vision	NUS/NTU/SUTD

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92	Visual Intelligence	Liu Siying	liusy1@i2r.a-star.edu.sg	Deep learning, Surveillance, Computational photography, 3D Vision	NUS/NTU/SUTD
93	Visual Intelligence	Pham Nam Trung	ntpham@i2r.a-star.edu.sg	Object Detection/Tracking and Deep Learning	NUS/NTU/SUTD
94	Visual Intelligence	Cheng Jierong	guy@i2r.a-star.edu.sg	Image segmentation, object tracking, image registration, computer vision	NUS/NTU/SUTD
95	Visual Intelligence	Xiong Wei	wxiong@i2r.a-star.edu.sg	Weak visual signal detection and segmentation; Interactive image segmentation; Complex scene analysis and partial object recognition; Unbiased defromable shape modeling; 3D computer vison and surface reconstruction	NUS/NTU/SUTD
96	Visual Intelligence	Lim Joo Hwee	joohwee@i2r.a-star.edu.sg	Representation and Learning in Computer Vision; Multimedia Indexing, Retrieval and Fusion; Patten Recognition	NUS/NTU/SUTD

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97	Visual Intelligence	Li Liyuan	lyli@i2r.a-star.edu.sg	Computer vision, image processing, pattern recognition, multimedia, artificial intelligence, cognitive vision, robotics	NUS/NTU/SUTD
98	Visual Intelligence	Ng Suat Ling Jamie	jamie@i2r.a-star.edu.sg	Human-Computer Interaction, Human Factors, Wearable Augmented Reality, Cognitive Psychology, Computer Vision, Computer Graphics	NUS/NTU/SUTD
99	Visual Intelligence	Xu Qianli	qxu@i2r.a-star.edu.sg	Human-robot interaction in collaborative AI	NUS/NTU/SUTD
100	Visual Intelligence	Zhu Hongyuan	zhuh@i2r.a-star.edu.sg	Deep Learning, Computer Vision, Image Processing	NUS/NTU/SUTD
101	Visual Intelligence	Ma Tin Lay Nwe	tlnma@i2r.a-star.edu.sg	2D/3D Visual object, segmentation, detection, search, retrieval and visualization using deep learning	NUS/NTU/SUTD
102	Visual Intelligence	Gu Ying	guy@i2r.a-star.edu.sg	Deep learning approach based on variational models	NUS/NTU/SUTD

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103	Visual Intelligence	Sun Ying	suny@i2r.a-star.edu.sg	Computer Vision, Machine Learning, Image Processing and Analysis, Video Reasoning	NUS/NTU/SUTD
104	Visual Intelligence	Mark David Rice	mdrice@i2r.a-star.edu.sg	Human factors engineering; Interaction design; Information visualization; Machine learning; Inclusive technology; Research methods	NUS/NTU/SUTD
105	Visual Intelligence	Ong Ee Ping	epong@i2r.a-star.edu.sg	Machine learning & Deep Learning for computer vision & image processing (medical imaging) applications	NUS/NTU/SUTD
106	Visual Intelligence	Chi Yanling	chiyl@i2r.a-star.edu.sg	Medical image segmentation and registration; Content-based Image retrieval; Pattern recognition	NUS/NTU/SUTD
107	Visual Intelligence	Nguyen Van Dinh	nguyen_van_dinh@i2r.a-star.edu.sg	Deep Learning in Computer Vision, Image Processing	NUS/NTU/SUTD

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108	Visual Intelligence	Lin Dongyun	lind@i2r.a-star.edu.sg	Medical image segmentation; Image based anomaly detection; Few-shot defect segmentation	NUS/NTU/SUTD
109	Signal processing, RF, and Optical	Qing Xianming	qingxm@i2r.a-star.edu.sg	Machine-Learning approach for ultra-large scaled metasurface base antenna array Explore the application of machine-learning approaches in developing new metasurface structure and metasurface-based antenna array.	NUS/NTU/SUTD

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No.	Department	A*STAR Supervisor's Name	Email	Project Title	Degree Awarded By Upon Graduation
110	SRO	Wang Yixin	wangyx@i2r.a-star.edu.sg	<p align="center">Quantum-Enhanced Fiber-Optic Sensors</p> <p align="center">Novel fiber-optic device lays foundation for quantum-enhanced measurements. This project is to develop Quantum-Enhanced Fiber-Optic Sensors, which surpasses the standard quantum limit in sensitivity and resolution, for various applications e.g. metrology and inspection for industrial and healthcare.</p> <p align="center">https://www.a-star.edu.sg/i2r/research-capabilities/signal-processing-rf-optical</p>	NUS/NTU/SUTD
111	SRO	Chia Yan Wah,Michael	michael_chia@i2r.a-star.edu.sg	<p align="center">RF , Antenna and processing, 5G and Beyond Communication</p> <p align="center">Research and develop novel Radio Frequency, millimeterwave, antenna array , beamforming system and algorithms for 5G New Radio and beyond Communication and Connectivity</p> <p align="center">https://www.a-star.edu.sg/i2r/research-capabilities/signal-processing-rf-optical</p>	NUS/NTU/SUTD