

NTU-UGA-UT Trilateral Center: Call for Proposals 2025 Awardees

#	Project title	Acronym	NTU PI			UGA PI			UT PI		
			Name	Position	Affiliation	Name	Position	Affiliation	Name	Position	Affiliation
1	Resilience of critical metals supply chains	SCARCITIES (Supply ChAin Resilience CRitical mEtals)	Jiuh-Bing Sheu	Professor	Department of Bussiness Administration	Samuel Karine	Professor	DHeP – Grenoble INP-UGA - CERAG	Remy Magnier-Watanabe	Professor	Institute of Business Sciences
2	Link-homotopy in knot exteriors	Linkext	-	-	-	Jean-Baptiste MELHAN	Associate Professor	Insttut Fourier	Atsushi ISHII	Associate Professor	Department of Mathematics
3	Sphingolipid Metabolism and Regulation in Tumor-induced Cachexia and Microbiome-Influenced NeuroDegeneration	SMART-MIND	Chih-Chiang Chan	Professor	Department of Physiology	-	-	-	Yuya Sanaki	Assistant Professor	TARA Center
4	Linking the Circadian Clock with All-Year Memory of Seasons to unlockepigenetic breeding technologies	Basic PentaCysteine (BPC), Flowering Locus C (FLC)	Huang-Lung Tsai	Associate Professor	Institute of Molecular and Cellular Biology	-	-	-	Diana Buzas	Associate Prefessor	Department of Agricultural and Environmental Sciences
5	Buddhist and Analytic Approaches to Memory	BUDDHAMEM	Ching Keng	Associate Professor	Department of Philosophy	Kourken Michaelian	Professor	Institut de philosophie de Grenoble (IPhG)	-	-	-
6	Analyzing the Mechanism of Echo Chambers through Opinion-Knowledge Interactions	ECHO (Echo Chambers in Hybrid Opinion-knowledge interactions)	-	-	-	Jérôme Euzenat	Senior Research Scientist	Laboratoire d'Informatique de Grenoble	Koji Hasebe	Associate Professor	Department of Computer Science
7	Historical Anthropology in Taiwan and Japan	HATJ	Shih-Chieh Lo	Associate Professor	Department/Research unit History	-	-	-	Yamamoto Shin	Professor	Subprogram in History and Anthropology, Master's and Doctoral Programs in Humanities, Degree Programs in Humanities and Social Sciences
8	Optimizing Urban-Rural Sustainability: A Comparative GIS and LCA-Based Study of Food-Water-Energy Systems in Ibaraki (Japan) and Taoyuan (Taiwan)	FRESH: Food, Resources, Energy and Sustainability Horizons	Ming-Che Hu	Professor	Department of Bioenvironmental Systems Engineering	-	-	-	Helmut Yabar	Associate Professor	Faculty of Life and Environmental Sciences
9	Enhancing Diabetes Risk Prediction with Privacy-Preserving AI: A Cross Border Collaborative Study	Enhancing Diabetes Risk Prediction	Jui Wang	Project Assistant Professor	Institute of Epidemiology and Preventive Medicine, College of Public Health, Health Data Research Center	-	-	-	Yuji Kawamata	Researcher	Center for Artificial Intelligence Research
10	External Validation of a Deep Learning Model for Left Ventricular Mass Estimation from 12-Lead ECG: A Multicenter Study Between NTU and UT	-	Tzung-Dau Wang	Professor	Department of Internal Medicine	-	-	-	Takahito Nakajima	Professor	Institute of Medicine
11	Advanced Biomarker Discovery for Early Alzheimer's Disease Identification: A Taiwan-Japan Collaborative Initiative	ABIDE-AD	Yu-Ling Chang	Distinguished Professor	Department of Psychology	-	-	-	Xiucui Ye	Associate Professor	Department of Computer Science
12	A Cross-Cultural Investigation of Social Robots for Enhancing Well-being and Social Engagement of Older Adults in Public Libraries	HRI for Elderly Wellbeing	Hsiu-Ping Yueh	Director, Distinguished Professor	Research Center for Digital Humanities, Dept of Bio-Communication and Industry Development/Department of Psychology	-	-	-	Masahiko Mikawa	Professor	Institute of Library, Information and Media Science
13	Phraseology In Language Education from French, Japanese and Mandarin corpora to classrooms	PILE	Te-Hsin Liu	Associate Professor	Graduate Program of Teaching Chinese as a Second Language	Rui Yan	Associate Professor	Service des Langues of UGA/laboratory Lidilem	Bruno Jactat	Assistant Professor	Center for Education of Global Communication(CEGLOC)
14	Advancing European and East Asian humanistic-scientific cross-cutting research in AI and Society (TBD)	EAA\$ (Euro-Asia AI&S)	Hans H. Tung	Professor	Political Science, College of Social Sciences; School of Political Science and Economics	Florian Barrière	Professor	H3S Faculty (Humanities, Health, Sport, Society)/LITT&ARTS	Muneo Kaigo	Professor	Institute of Humanities and Social Sciences
15	Interdisciplinary collaborative research on autonomy and independence support to improve the quality of life of persons with intellectual disabilities and persons with severe mental and physical disabilities transitioning to adulthood	Research on autonomy and independence support to improve the quality of life of people with disabilities	Sieh-Chuen Huang	Professor	College of Law	-	-	-	Toru Morichi	Assistant Professor	Institute of Human Sciences
16	Large arrays of LEKID (Lumped Element Kinetic Inductance Detectors) for the Nobeyama 45-meters telescope Tsukuba 100GHz camera	NOBE45	-	-	-	Alessandro Monfardini	Research Director	Institut Néel	Shunsuke Honda	Assistant Professor	Faculty of Pure and Applied Sciences
17	Facial Recognitions for Agricultural Operators Safety Monitoring for Reducing Risk of Accidents in Farm	-	Yan-Fu Kuo	Professor	Department of Biomechatronics Engineering	-	-	-	Tofael Ahamed	Associate Professor	Institute of Life and Environmental Sciences
18	Women In Science and Engineering: International Connection	WISE-INCON	Hsiu-Yu Yu	Associate Professor	Department of Chemical Engineering	Signe Seidelin	Professor	Institut Néel	BONVALOT Marceline	Associate visiting Prof. and Adjunct Director of J-FAST	J-FAST International Research Lab. School of Pure and Applied Physics
19	Enhancing Nursing Competencies Through Data-Driven Public Health Analysis: A Bilateral Summer Program Between Japan and Taiwan	ENCOMPASS	Hao-Yuan Chang	Associate Professor	School of Nursing, College of Medicine	-	-	-	Tomoko Ito	Associate Professor	Department of Nursing, Institute of Medicine
20	NTU-UT Label-Free Volumetric Tomographic Microscopy Imaging for Tumor-Stroma Dynamic Analysis	NTU-UT OCT & Cancer Dynamics	Hsiang-Chieh Lee	Associate Professor	Graduate Institute of Photonics and Optoelectronics (GIPO), College of Electrical Engineering and Computer Science	-	-	-	Yoshiaki Yasuno	Professor	Institute of Clinical Medicine and Degree Program of Pure and Applied Science
21	Jet Substructure & Flavor Tagging with ML: Advanced Algorithms Meet Silicon Detectors	LHC-ML_SI_Det	Kai-Feng Chen	Professor	Physics / Experimental High Energy Physics	Rong-Shyang Lu	Associate Professor	Physics / Experimental High Energy Physics	Tatsuya Chujo	Professor	Institute of Pure and Applied Sciences / Division of Physics
22	Collaborative International Short Programs in Earth Sciences, Nanosciences, and Chemistry	CISPENC	Emmy T. Chang	Associate Professor	Institute of Oceanography	Pascale Huyghe	Professor	Institut des Sciences de la Terre Faculté des Sciences	Takahiko Kojima	Professor	Department of Chemistry Faculty of Pure and Applied Science
23	Developing modern framework and numerical tools for applied geomechanics problems	MOGEO	-	-	-	Cyrille Couture	Associate Professor	Laboratoire 3SR	Takashi Matsushima	Professor	Institute of Systems and Information Engineering
24	Investigation of Defect Characteristics and Their Correlation with Device Performance in Wide Bandgap Semiconductors	-	Chao-Hsin Wu	Professor	Graduate Institute of Photonics and Optoelectronics/Graduate Institute of Electronics Engineering/Graduate School of Advanced Technology	Gwénolé JACOPIN	CNRS researcher	CNRS, Institute Néel	Uedono Akira	Professor	Institute of Pure and Applied Sciences