

## viii. Partner Universities: an overview

As the number of cooperation agreements with our partner universities has grown significantly and there is also an increasing diversity in the type of agreements, we thought that the best way to present a clear overview, was to provide a separate list of the different formats of cooperation.

The majority of these cooperation agreements concern student and staff exchange agreements, but the overview also shows that Ghent University is gaining ground in the field of establishing Joint Laboratory agreements, agreements on (Collaborative) Research, Double Degree programme agreements (Ma and/or PhD) as well as agreements for joint supervision of doctoral research.

Moreover, the Ghent University Tech Transfer Office is already active for many years in setting up specific contracts and agreements that fall under their domain and has already gained a lot of experience in this field. Thanks to this, Ghent University is very much aware of the ever increasing importance of innovation and technology, the link with industry and the valorization of cooperation with our partners in this region.

Currently, Ghent University does not count many multilateral agreements with partners in this specific region yet but we see indications that this might change in the future.

CA = Cooperation Agreement

MoU = Memorandum of Understanding

ADD = addendum (if an existing agreement is being extended to an additional faculty)

LoI = Letter of Intent

* Explanatory note about the short names of the faculties in Ghent University:	
Name of the faculty in English	Short name used in list
Faculty of Arts and Philosophy	LW
Faculty of Engineering and Architecture	IrW
Faculty of Economics and Business Administration	EB
Faculty of Bioscience Engineering	BW
Faculty of Political and Social Sciences	PS
Faculty of Medicine and Health Sciences	GE
Faculty of Pharmaceutical Sciences	FW
Faculty of Sciences	WE
Faculty of Law and Criminology	RE
Faculty of Psychology and Educational Sciences	PPW
Faculty of Veterinary Sciences	DI

## Overview of agreement of Ghent University with partners in Mainland China

University of Chinese Academy of Sciences	Type of Agreement	Duration
Beijing Language and Culture University	CA	5 years
Beijing Normal University	SEA	5 years
Beijing Normal University	MoU	5 years
Beijing University of Chemical Technology	MoU	3 years
Capital Medical University	CA	5 years
China Agricultural University	CA	5 years (in process of being renewed)
China University of Geosciences (Wuhan)	CA	5 years
Chinese Academy of Agricultural Sciences	CA	5 years
City University of Hong Kong	CA	5 years
City University of Hong Kong	SEA	5 years
Dalian University of Technology	CA	5 years
East China University of Political Science and Law	SEA	5 years
Fudan University	CA	5 years
Hebei Medical University	CA	5 years
Hebei University	CA	5 years
Institute of Atmospheric Physics of the Chinese Academy of Sciences (Beijing)	MoU	/
Jincheng College of Sichuan University	SEA	5 years
Liaoning University	MoU	5 years
Liaoning University	CA	5 years
Nanjing Agricultural University	CA+ADD+ADD	5 years
Nanjing Agricultural University	CA	5 years
Nanjing Forestry University	LoI	1 years
Nanjing University	CA	5 years
Northwest A&F University	CA	5 years
Peking University	CA	5 years
Peking University	CA	5 years
Peking University	Annex	5 years
Renmin University, Institute of Chinese Classics	CA	5 years
Renmin University, School of Philosophy	CA	5 years
Renmin University,	MoU+ADD	3 years
Shanghai Jiao Tong University	CA	5 years
Shanghai Ocean University	MoU+CA	5 years
Shanghai University	CA	5 years
Shenyang University of Chemical Technology	CA	5 years
Shenzhen University	MoU	3 years
Sichuan Agricultural University	MoU	5 years
Sichuan University	CA	5 years

	Faculty*	Professor
	LW	Ann Heirman
	LW, PPW,IRW,WE	An Heirman, Martin Valcke,Michael Monte, Philippe De Maeyer & Jan Nyssen
	LW,PPW,IRW,WE	Martine Valcke, An Heirman, Jelle Saldien, Philippe De Maeyer
	institutional	n.a.
	GE	Wei Hong Zhang, Olivier Degomme
	BW	Guido Van Huylenbroeck
	WE	Marc De Batist
	WE	Dominique Van Der Straeten
	EB	Ignace De Beelde
	EB	Bert George
	IRW	Roel Baets
	RE	Dominique Van Der Straeten
	LW,RE,EB	Ann Heirman, Peter Van Elsuwege, Véronique Limère
	GE	Wei-Hong Zhang
	LW	Bart Dessen
	BW	Oswald Van Cleemput, Pascal Boeckx
	LW	An Heirman
	LW	An Heirman
	LW	Ann Heirman
	BW/WE/FW	Guido Van Huylenbroeck, Wilfrieda Decraemer, Sarah De Saeger
	BW,WE,FW	Stijn Speelman, Sarah De Saeger, Wim Bert
	BW	Joris Van Acker
	LW	Ann Heirman
	DI	Geert Opsomer
	LW	Kristoffel Demoen, Ann Heirman, Bart Dessen, Christoph Anderl
	LW, RE	Ann Heirman, Marc De Vos
	RE	Marc De Vos
	LW	Ann Heirman
	LW	Ann Heirman
	LW	Jean Bourgeois
	LW,FW,IRW,EB	Sarah De Saeger, Ann Heirman, Frank Naert, Luc Taerwe
	BW	Peter Bossier
	LW	Ann Heirman
	WE	Pascal Van Der Voort
	IRW	Hans De Backer
	BW	Geert Haesaert
	PS,EB,IRW,LW	Jan Orbie, Ignace De Beelde, Luc Taerwe / Ludwig Cardon, Christoph Anderl

Sichuan University	MoU	3 years
South China University of Technology	CA	2 years
South China University of Technology	MoU	5 years
South China Normal University	CA	5 years
Southeast University	CA	5 years
Southwest University	MoU	5 years
Southwest University	CA	5 years
Southwest University	CA	5 years
Southwest University of Political Sciences and Law	CA	5 years
Tiangong University	CA	5 years
Tongji University	CA + ADD	5 years
Tsinghua University School of Civil Engineering	CA	5 years
Tsinghua University School of Law	CA	5 years
University of Chinese Academy of Sciences	MoU	3 years
Wuhan University Law School	CA	5 years
Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences (CAS)	CA	5 years
Xinjiang Turpan Bureau of Cultural Heritage	MoU	5 years
Zhejiang University	MoU	5 years
Zhejiang University	ADD bij MoU/CA	saamen met Mou
Zhejiang University	ADD bij MoU/CA	saamen met Mou
Zhejiang University	ADD bij MoU/CA	saamen met Mou
Zhejiang University	ADD bij MoU/CA	saamen met MoU
Zhejiang University of Science and Technology	CA	5 years
Zhejiang University of Technology ZJUT	MoU	5 years
Zhejiang University of Technology ZJUT	CA+ADD	5 years
Zhejiang University of Technology ZJUT	CA	5 years
Zhengzhou University	CA	5 years

## Overview of agreement of Ghent University with partners in Taiwan

National Chengchi University	CA	5 years
National Chiao Tung University / College of Biological Science and Technology	LoI	1 year
National Sun Yat-sen University	CA	5 years
National Sun Yat-sen University	CA+ADD+ADD	5 years
National Taiwan University	CA	5 years
The Dharma Drum Institute of Liberal Arts (DILA)	CA	5 years
National Taiwan University	CA	5 years

	PS	Jan Orbie
	IRW	Wilfried Philips
	IrW	Luc Taerwe
	PPW	Martin Valcke
	IRW	Wouter De Corte
	BW	Guy Smagghe
	BW	Guy Smagghe
	BW	Guy Smagghe
	RE	Marc De Vos
	IrW	Lieva Van Langenhove
	IRW,WE, RE	Geert De Schutter / Ludwig Cardon, Philippe De Maeyer, Peter Van Elsuwege
	IRW	Geert De Schutter
	RE	Marc De Vos
	WE	Philippe De Maeyer
	RE	Marc De Vos
	WE	Philippe De Maeyer
	WE & LW	Philippe De Maeyer, Jean Bourgeois
	all	Elisabeth Velle/Zhenming Hu
	IrW	Roel Baets
	LW	Bart Dessein
	EB	Veronique Limère
	FA	Sarah De Saeger
	BW	Diederik Rousseau
	BW	Diederik Rousseau
	BW, IRW	Diederik Rousseau, Michael Monte
	BW	Diederik Rousseau
	LW	Ann Heirman

	LW,EB,PS
	BW
	EB,LW,PPW,IRW
	EB,LW,PPW
	LW
	LW
	LW,PS,IRW

## Overview of the Joint Laboratory Agreements

University	Name of the Joint Lab
Shanghai Jiaotong University, Shanghai Institutes for Biological Sciences & Chinese Academy of Sciences	Joint Laboratory of Mycotoxin Research
Tongji University & Shanghai Construction Group	Joint Laboratory for Industrial Construction
Extension of Joint Lab with Tongji & Shanghai Construction Group: Zhejiang Scientific Research Institute of Transport	Joint Laboratory for Industrial Construction: addendum
Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences (CAS) and Chinese Academy of Sciences (extended agreement in 2021)	Sino-Belgian Joint Laboratory for Geo-Information
Feed Research Institute – Chinese Academy of Agricultural Science	Joint Laboratory of Global Change and Food Security
Sichuan University – State Key Laboratory of Biotherapy & State Key Laboratory of Polymer Materials Engineering	Joint Laboratory for Additive Manufacturing
Southwest University	International Joint Laboratory on Sino-Belgium sustainable crop pest control
Nanjing Forestry University	Joint Laboratory of Advanced Biomedical Technology
Shanghai University & Flanders Fields (Ieper)	Joint Laboratory for World War I Studies
Hebei Medical University	Joint Laboratory for Global Health
Xi'An Jiaotong University	Joint Laboratory of Smart Polymer Materials
South China Normal University	Joint Laboratory Agreement Liquid Crystals and Photonics Devices

## Agreements for Joint or double degree programmes (Ma and/or PhD level)

	Faculty	Domain	Agreement description
China	EA	Photonics	Cooperative Education scheme agreement between Ghent University and Dalian University of Technology
China	EA	Materials, Textiles and Chemical Engineering	Cooperative Education scheme agreement between Ghent University and East China University of Science and Technology
China	LW	Oriental Languages and Cultures	Ghent University and Beijing Normal University of China Educational Programme Agreement
China	LW	Oriental Languages and Cultures	Ghent University and Renmin University of China Educational Programme Agreement
China	LW	Oriental Languages and Cultures	Ghent University and Renmin University of China Educational Programme Agreement
China	LW	Oriental Languages and Cultures	Ghent University and Renmin University of China Educational Programme Agreement
China	LW	Oriental Languages and Cultures	Ghent University and Shanghai University Educational Program Agreement
China	LW	Oriental Languages and Cultures	Ghent University and Sichuan University Educational Programme Agreement
China	EA	Photonics	Agreement regulating Collaborative Academic Programme Between Beijing Jiaotong University, Beijing, China And Ghent University, Belgium And Vrije Universiteit Brussel, Belgium

	Type of agreement	Duration	Faculty	Professor
	Joint Lab	5 years	Pharmaceutical Sciences	Sarah De Saeger
	Joint Lab	5 years	Engineering and Architecture	Luc Taerwe/Geert De Schutter
	extension Joint Lab	addendum	Engineering and Architecture	Luc Taerwe/Geert De Schutter
	Joint Lab	5 years	Sciences	Philippe De Maeyer
	Joint Lab	5 years	Bioscience Engineering	Eric Van Ranst & Wim Cornelis
	Joint Lab	5 years	Engineering and Architecture	Ludwig Cardon / Karen De Clerck
	Joint Lab	5 years	Bioscience Engineering	Guy Smagghe
	Joint Lab	5 years	Pharmaceutical Sciences	Stefan De Smedt
	Joint Lab	5 years	Arts and Philosophy	Bart Dessein
	Joint Lab	5 years	Medicine and Health Sciences	Zhang Wei-Hong
	Joint Lab	5 years	Sciences	Richard Hoogenboom
	Joint Lab	5 years	Engineering and Architecture	Kristiaan Neyts

	Partner universities	Coordinator	Type of agreement	Duration
	Dalian University of Technology	5 yrs	3+1+1	renewal of agreement initiated in 2017: exact dates & duration to be completed
	East China University of Science and Technology (ECUST)	Ghent University	3+2 agreement	12/07/2016 – 12/07/2021: 5 years
	Ghent University – Beijing Normal University of China		3+2 agreement	2020-2021 for a duration of 3 years: can be extended upon agreement of all parties
	Ghent University – Renmin University of China (School of Classics)		3+2 agreement	2020-2021 for a duration of 3 years: can be extended upon agreement of all parties
	Ghent University – Renmin University of China (School of History)		3+2 agreement	2020-2021 for a duration of 3 years: can be extended upon agreement of all parties
	Ghent University – Renmin University of China (School of Philosophy)		3+2 agreement	2020-2021 for a duration of 3 years: can be extended upon agreement of all parties
	Ghent University – Shanghai University		3+2 overeenkomsten	2019-2020 for a duration of 3 years: can be extended upon agreement of all parties
	Ghent University – Sichuan University		3+2 agreement	2020-2021 for a duration of 3 years: can be extended upon agreement of all parties
	Ghent University – VUB – Beijing Jiaotong University		3+2 agreement	2019-2020 for a duration of 5 years: can be extended upon agreement of all parties

China	EA	Photonics	Agreement regulating Collaborative Academic Programma Between Huazhong University of Science and Technology, Wuhan (China) and Ghent University, Belgium and Vrije Universiteit Brussel, Belgium
China	EA	Photonics	Agreement regulating Collaborative Academic Programme Between Nankai University, Tianjin, China And Ghent University, Belgium And Vrije Universiteit Brussel, Belgium
Taiwan	LW	Oriental Languages and Cultures	Agreement for the Internation Double Master's Degree Programme between the Department of Philosophy, National Chengchi University, Taiwan and the Department of Oriental Languages and Cultures – Main subject China, Faculty of Arts and Philosophy, Ghent University, Belgium
Taiwan	EA	Photonics	Agreement to establish a double Master's Degree in the area of Photonics between Universiteit Gent and Vrije Universiteit Brussel and National Sun Yat-sen University, Taiwan

China	South China University of Technology	Agreement for Joint supervision and double degree of doctoral research	2016
-------	--------------------------------------	--	------

## Research agreements

Country	Partner institution/organisation	Title
China	ChinaCDC (Chinese Center for Disease control and prevention)	Collaboration study on the characteristics, propagation in vitro and inactivation of epidemic strains of foodborne norovirus
China	Xinjiang Institute of Geography and Ecology	Agreement for the establishment of the Sino-Belgian joint laboratory for geo-information
China	Xinjiang Institute of Geography and Ecology	Agreement for the establishment of the Sino-Belgian joint laboratory for geo-information – amendment
China	Qingdao Beibao Marine Sciences & Technology, Co., Ltd.	BeiBao – CDA – Probiotics in China
China	China Anti-Doping Agency	China Anti-Doping Agency – analyses normal turn-around
China	University of China, Qingdao	University of China – Artemia cysts
China	University of Science and Technology of China (USTC)	USTC – Building artificial genetic circuits in E. coli
China	Solvay (China) Co. Ltd	Solvay + CNRS – CDA – DFT calculations
China	EMTI HK Ltd.	EMTI – CDA – agricultural products in China
China	Transportation Engineering College Dalian Maritime University, Ganjingzi District Dalian City, Liaoning Province, P.R. China.	E-waste collection and recycling in China: the case of mobile phones. Evidence from Liaoning province
China	South China Agricultural University (SCAU)	African Swine fever virus isolation and vaccine development – amendment
China	Huawei China	Huawei China – CDA – onderhandeligen

	Ghent University – VUB- Huazhong University of Science and Technology	Ghent University	3+2 agreement	2019-2020 for a duration of 5 years: can be extended upon agreement of all parties
	Ghent University – VUB-Nankai University	Ghent University	3+2 agreement	2020 for a duration of 3 years: can be extended upon agreement of all parties
	Ghent University – National Chengchi University (Taiwan)		Double degree	Feb. 2019 for a duration of 5 years
	Ghent University – VUB – National Sun Yat-sen University Taiwan		Double degree	2020-2021 for a duration of 5 years: can be extended upon agreement of all parties
	2021	5 yrs	EA	Wilfried Philips

	Type of agreement	Faculty/department
	Letter of Intent (LOI)	BW23 – Faculty of Bioscience Engineering, Department of Food Technology, Safety and Health
	Cooperation agreement	WE12 – Faculty of Sciences, Department of Geography
	Cooperation agreement	WE12 – Faculty of Sciences, Department of Geography
	Non-Disclosure Agreement	BW25 – Faculty of Bioscience Engineering, Department of Biotechnology
	SAP contract	GE32 – Faculty of Medicine and Health Sciences, Department of Diagnostic Sciences
	Material Transfer Agreement	BW22 – Faculty of Bioscience Engineering, Department of Animal Sciences and Aquatic Ecology
	Material Transfer Agreement	BW25 – Faculty of Bioscience Engineering, Department of Biotechnology
	Confidentiality Agreement	TW11 – Faculty of Engineering and Architecture, Department of Materials, Textiles and Chemical Engineering
	Non-Disclosure Agreement	BW25 – Faculty of Bioscience Engineering, Department of Biotechnology
	Research agreement	WE12 – Faculty of Sciences, Department of Geography
	Material Transfer Agreement	DI04 – Faculty of Veterinary Medicine, Department of Virology, Parasitology and Immunology
	Mutual Non-Disclosure Agreement	TW07 – Faculty of Engineering and Architecture, Department of Telecommunications and Information Processing

China	Huawei Technologies Co	Huawei – stochastic modeling and queueing theory
China	School of Information and Electronics (SIE), and Beijing Key Laboratory of Fractional Signals and Systems (FSS), Beijing Institute of Technology (BIT)	FWO/China – Smart Forestry – Multi-Modal Remote Sensing Image Processing and Interpretation with Its Application in Smart Forestry
China	China Anti-Doping Agency	Chinada – Analysis of Doping control samples according to WADA regulations
China	Chongqing Smart City and Sustainable Development Academy (SCSDA)	Memorandum of Understanding between Chongqing Smart City and Sustainable Development Academy (SCSDA) and Ghent University (Ghent University)
China	Chinese Provincie Zhejiang	Steunovereenkomst tussen de Provincie West-Vlaanderen, en Universiteit Gent m.b.t. de ondersteuning van het pilootproject 'Ontwikkeling van betaalbare sensoren en monitoringsystemen voor landelijke afvalwaterzuiveringsstations' i.k.v. de joint call 'Zhejiang – West Flanders Industrial R&D projects'

## Overview of co-financing agreements

Country	University	Type of agreement
China	Chinese Scholarship Council	Cofunding

Taiwan	Taiwan Studies Programme agreement with the Ministry of Education in Taiwan, Groningen University and Goettingen University	MOU Taiwan Studies Programme ('Taiwan Chair')
--------	---	---

## Overview of other formats of agreements

Country	University	Type of agreement
China	Industrial Technology Research Institute of Zhejiang University	MOU on Strategic Partnership on Technology Transfer, Innovation and Entrepreneurship between Industrial Technology Research Institute of Zhejiang University and Ghent University
China	East China University of Science and Technology (ECUST)	TechTransfer

## Joint PhD at Ghent University

### Evolution of the numbers of Joint PhD – period 2006 – 2021

(source, Joint PhD co-ordination 08/10/2021)

- The 1st defense of a joint PhD with China was on 31 May 2006 with Tongji University  
 Out of 1290 entries in joint PhD database à 117 with a Chinese partner institution (9 %):
- 55 Joint PhD candidates were granted a Joint/double diploma
  - 48 Joint PhD candidates have not concluded their Joint PhD research yet
  - 14 Joint PhD candidates cancelled their joint PhD activities

	Research agreement	TW07 – Faculty of Engineering and Architecture, Department of Telecommunications and Information Processing
	Exchange Program Agreement	TW07 – Faculty of Engineering and Architecture, Department of Telecommunications and Information Processing
	Service contract (Dienstverleningscontract)	GE32 – Faculty of Medicine and Health Sciences, Department of Diagnostic Sciences
	Memorandum of Understanding (MOU)	TW05 – Faculty of Engineering and Architecture, Department of Information Technology
	Research agreement	BW25 – Faculty of Bioscience Engineering, Department of Green Chemistry and Technology

	Duration	Faculty	Promoter
	5 yrs	institutional	

	5 yrs	Faculty of Arts and Philosophy	
--	-------	--------------------------------	--

	Duration	Faculty	Promoter
	5 yrs	TechTransfer	Wim Van Camp
	5 yrs	FEA	Kevin Van Geem