

# The International Workshop on “Comparative Study on Frugal Innovation, Science Parks, Emerging Technologies, and IP Functions between China and Brazil”

Nov. 18-19, 2018 Tsinghua University, Beijing, China

*Hosted by*



清华大学技术创新研究中心

Research Center for Technological Innovation, Tsinghua University

*Co-hosted by*



北京航空航天大学

—经济管理学院—

BEIHANG UNIVERSITY  
SCHOOL OF ECONOMICS AND MANAGEMENT



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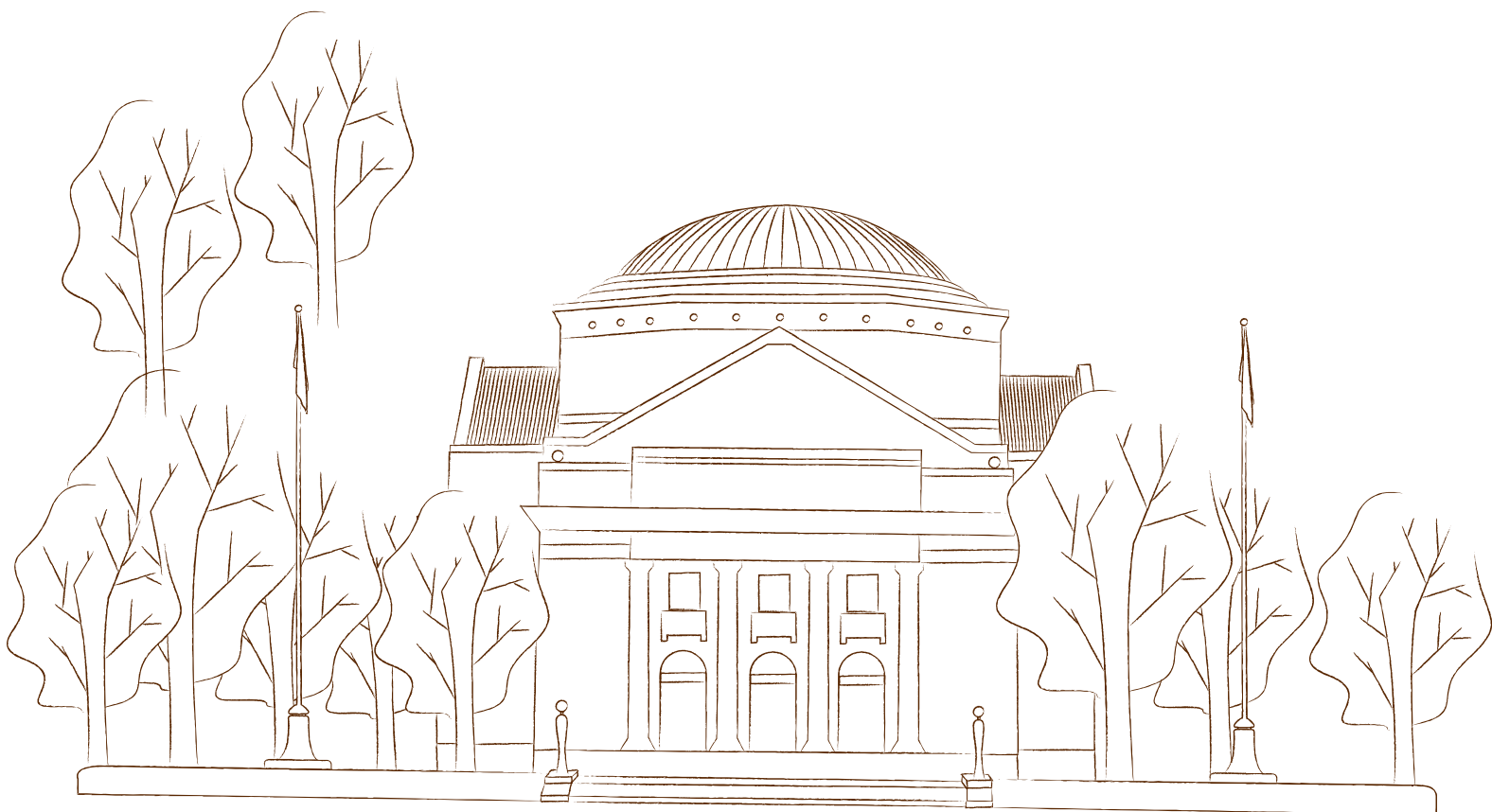


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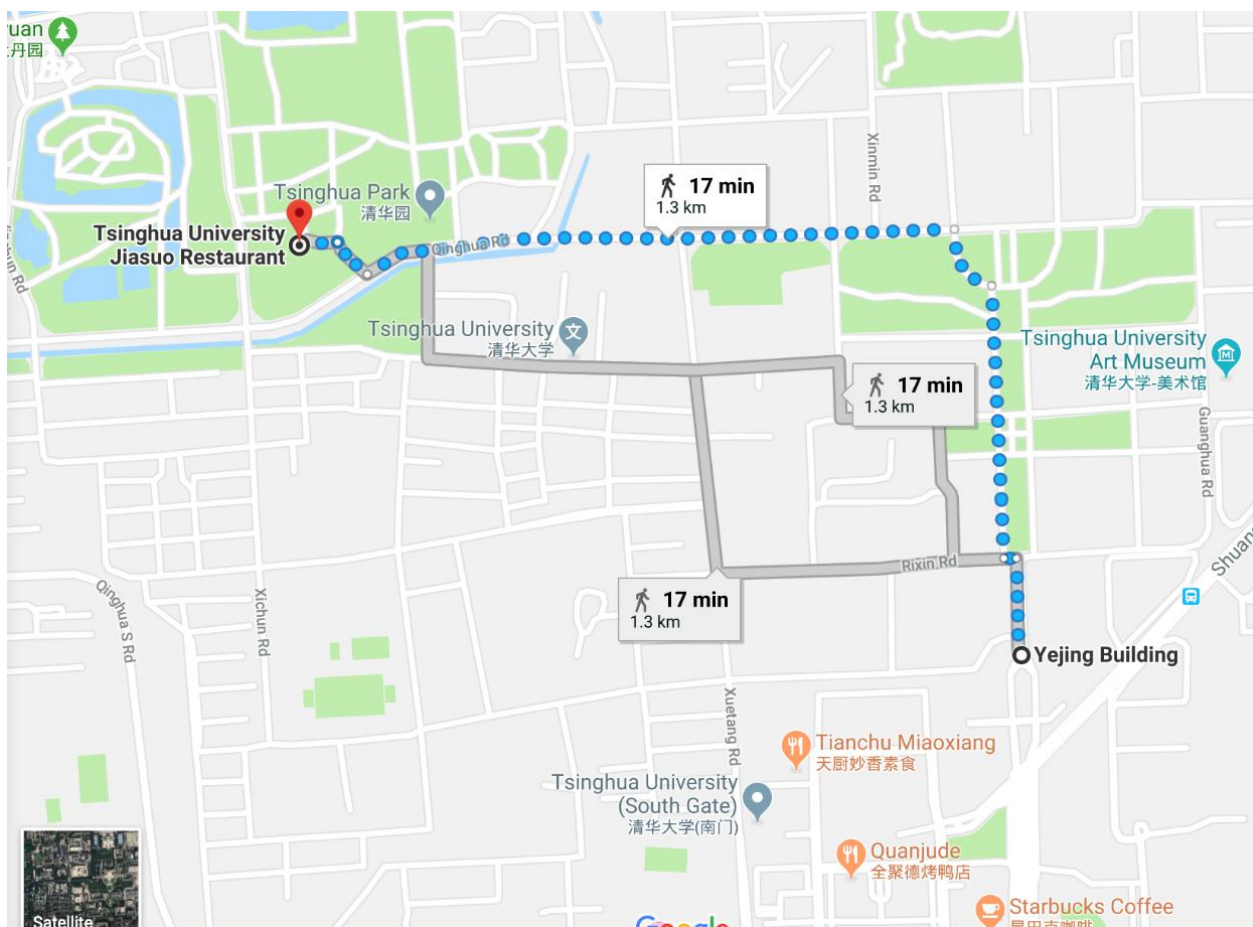


# Key Information

## ◎ Conference Location

Meeting Room 1 at Jiasuo Guest House, Tsinghua University

**How to get there from the southeast gate of Tsinghua University:**



## ◎ Time of Academic Committee Meeting

Time: Nov. 18<sup>th</sup> 15:20 – 17:00

## ◎ Time and Location of Meals

Lunch: 18<sup>th</sup>-19<sup>th</sup> 12:00-13:30 Jiasuo Guest House

Dinner: 18<sup>th</sup> 17:00-20:00 Jiasuo Guest House

# Introduction of the Organizer

## Research Center For Technological Innovation, Tsinghua University



Research Center for Technological Innovation (RCTI) was founded in March 2000, developed out of the major-subject of Management of Technological Economics, Tsinghua University, headed by Professor Emeritus Jiaji Fu, who is one of the forerunners in conducting research on technological innovation and has successfully completed the ‘Study on Technological Innovation in China’, a major key research program sponsored by the National Natural Science Foundation of China. RCTI has also shouldered many other research projects sponsored by the Central Government, provincial and ministerial governments, enterprises, and other organizations.

The vision of RCTI is to further enhance academic research standards while keep innovate current institutional system in order to become a world first-rate research institution and think tank which have influential academic papers in internationally authoritative academic journals. The center will construct longterm institutionalized cooperation with internal research institutions for top of the class scientific collaborations to produce ground-breaking research outcomes that is influential to both the country and outside world. RCTI aims to assist in critical governmental decision making process and give our research results as a form of support, and also to provide guidance to corporations in their practice of innovation management to generate both social and economic benefits.

## The School of Economics & Management of Beihang University (BUAA)



北京航空航天大学  
——  
经济管理学院  
BEIHANG UNIVERSITY  
SCHOOL OF ECONOMICS AND MANAGEMENT



The School of Economics & Management of Beihang University (BUAA) was established in 1956 as the earliest one among science & engineering oriented universities. The school has won recognition for having the most ministerial and provincial-Level key laboratories. It is one of the first eight schools approved for the national key discipline of Management Science & Engineering. Beihang SEM is officially listed in China's '211 Projects', '985 Projects', and 'Double First-rate Projects'. It is also a home to the first approved national innovation center by '2011 plan', as well as a high and new-tech innovation center among universities in Beijing.

The school has recruited 117 full-time faculty and staff members, including 40 full professors, 43 associate professors, and 35 doctoral advisors. Among faculty, there are 1 Innovation Research Team supported by National Natural Science Foundation, 1 distinguished professor of Cheung Kong Scholars Program, Ministry of Education(MOE), 3 professors being awarded National Fund for Distinguished Young Scholars, 1 '973' project chief scientist, 1 winner of National Outstanding Youth Science Fund. The total enrollment of students in Beihang SEM is 3013. Among them, there are 714 undergraduate students, 1994 graduate students, and 305 international students as well.

Based on interdisciplinary cooperation, Beihang SEM is continuously pushing forward innovative research on frontier and critical issues in China's economy and management as well as strategic needs of the nation. In recent years, the school has accomplished significant achievements in these aspects. Faculty and students have undertaken and completed three 973 Projects, many NSFC Projects including nine key Projects as principal investigators, one major international cooperation project, three National Funds for Distinguished Young Scholars, as well as six 863 Projects and over 30 research projects towards critical needs of national economy and defense construction. In 2011, the research achievement of school won the Second Prize of National Natural Science Award. Over the past 60 years, Beihang SEM has developed a way of education with distinctive competitiveness.



# Schedule

Nov. 18 and 19, 2018, Jiasuo Guest House, Tsinghua University, Beijing, China

Time	Title	Speaker
Nov. 18 (Sunday) Session I + II+III	09:00 -- 09:10	<p><i>Welcome speech</i></p> <p>Professor Chen, Xiangdong, Professor Araken Alves de Lima Professor Wang Yi</p>
	The 1 <sup>st</sup> Session, Chair: Professor Zhang, Yuming	
	09:10-09:40	<p><i>Disruptive and Frugal Innovations in Emerging Economy</i></p> <p>Edison Tse Professor at Stanford University, USA</p>
	09:40-10:10	<p><i>Core Technological Capabilities in Intelligent Manufacturing: A Case Study on China's Manufacturing Firms</i></p> <p><u>Wang, Yi</u> Associate Professor, School of Economic and Management, Tsinghua University</p>
	10:10-10:30	<p>General introduction: <i>A short economical overview of Brazilian Innovation landscape and policies references for fostering technological development</i></p> <p>Professor Araken Alves de Lima, Head of the INPI Dissemination Section in the State of Santa Catarina/Brazil. Intellectual Property and Innovation researcher in the INPI's Master and Doctoral Program and ProfNit Network Master Program.</p>
	10:30 - 10:50	Tea & Coffee Break
	The 2 <sup>nd</sup> Session: Chair: Professor Chen, Xiangdong	
	10:50-11:30	<p><i>How Rewi Alley and his Gung Ho Changed landscape in remote region in China during 1940's</i></p> <p><u>Michael Crook</u>, Chair of Committee, Gung Ho International; Vice Chair of Jingxi Education Research Inst. <u>Li, Jianping</u> Former Vice Chair of China - Overseas Friendship Association</p>
	11:30-12:00	<p><i>Sharing Economies and frugal innovation</i></p> <p><u>Zhang, Yuming</u> Professor at Shandong University, China, Sharing economies and innovation</p>
	12:00-13:20	Lunch

Time	Title		Speaker
	The 3 <sup>rd</sup> Session: Chair: Professor Li, Jizhen		
13:20-13:50		<i>Frugal innovation and social technologies: when the places matters.</i>	<u>Francisco Rosário</u> , Professor in Economics, Business and Accounts School (FEAC) in Federal University of Alagoas (UFAL), Brazil; Economics of Innovation; Industrial Organization; Microeconomics; <u>Prof. Ana Maria Rita Milani</u> , Federal University of Rio Grande do Sul – Brazil, Federal University of Alagoas, Brazil. <u>Gilberto Neves Pinto Meister</u> - Electrical Engineer, Service Coordinator for the Economy Office of Maceió, Member of the Innovation and Smart Cities Committee of the City of Maceió, Brazil.
	13:50-14:20	<i>Big Data on International Patent Databases for Frugal Innovation –application with open source software Patent2Net</i>	<u>Dr. André Moraes dos Santos</u> : Member of Technology Transfer Office of Vale do Itajaí University (Uninova), Professor on Academic Masters and PhD in Management and Professional Masters in Management Advisor at the Sectoral Chamber of Technology and Innovation of the Federation of Industries of Santa Catarina (FIESC)
	14:20 - 14:50	<i>Discussion: How to protect Frugal Innovation and emerging technologies</i>	<u>Li, Jizhen</u> Associate Dean, Associate Professor, School of Economic and Management, Tsinghua University
	14:50 --15:00	<i>Closing remarks on the first day workshop</i>	Professor Chen & Professor Lima
	15:00 – 15:20	Tea & Coffee Break	
	15:20 – 17:00	1. Academic Committee Meeting 2. Visit around Tsinghua University Campus by Brazilian scholars	
	17:00-20:00	Dinner	
Nov. 19 (Monday)			
The 4 <sup>th</sup> Session: Chair: Professor Liu, Yun			

Time		Title	Speaker
Nov. 19 (Monday) Session IV + V+VI	9:00-9:30	<i>Science Parks in China: Past and Present</i>	<u>Dr. Wang, Mingyang</u> Director of Dpt. International Consulting; Partner of GEI Consulting
	9:30-10:00	<i>The Scientific and Technological Parks in the Brazilian Innovation System: the case of the state of Santa Catarina ecosystem</i>	<u>Dr. Andréa Maristela Bauer Tamanine</u> , Adviser of the Innovation Agency of the University of the Region of Joinville – Univille. Collaborating professor of master's degree in Intellectual Property and Transfer of Technology for Innovation (PROFNIT) at Federal university of Santa Catarina (UFSC). Member of Deliberative Council of Technological Incubator (ITFETEP). <u>Clarissa Stefani Teixeira</u> . Professor of the postgraduate program in Engineering and Knowledge Management (PPEGC) and of the master's degree in Intellectual Property and Transfer of Technology for Innovation (PROFNIT) at Federal university of Santa Catarina (UFSC). Leader of the VIA Knowledge Station group and vice president of the Citizen Monitoring Network - funded by the Inter-American Development Bank.
	10:00-10:30	<i>Using Chinese Patent Data in Comparative Studies: Problems and Potentials</i>	<u>Li Xibao</u> Associate Professor, School of Economic and Management, Tsinghua University
	10:30-10:50	Tea & Coffee Break	
	The 5 <sup>th</sup> Session, Chair: Professor Kazuyuki Motohashi		
	10:50-11:20	<i>IP Awareness in emerging economies: The Regional Action Plan of the National Institute of Industrial Property of Brazil</i>	<u>Felipe Oliveira / Ricardo Rodrigues</u> Head of IP, Innovation and Development Academy, INPI; <u>Dr. Felipe Augusto Melo de Oliveira</u> – General Coordinator of Dissemination for Innovation, INPI
	11:20-11:50	<i>Transformation of IP assets in Chinese market</i>	<u>Han, Xiucheng</u> Director, IP Resesarch Center, SIPO (State Intellectual Property Office) <u>Dr. Wang, Qi,</u>



Time		Title	Speaker
			Associate Research Fellow, IP Research Center, SIPO
	11:50-12:10	<i>IP in Science parks: research topics</i>	Discussion by Professor Kazuyuki Motohashi, Tokyo University, Japan
	12:10-13:30	Lunch	
	The 6 <sup>th</sup> Session: Chair: Li, Xibao		
	13:30-14:00	<i>Disruptive innovation: concept and models</i>	<u>Liu, Yun</u> Professor at School of Public Administration, UCAS
	14:00-14:30	<i>Technological catching up and innovation policy in China : lessons for Brazil</i>	<u>Alessandro Golombiewski Teixeira</u> Professor, School of Public Policy and Management, Tsinghua University
	14:30-15:00	<i>Could China be the next innovation giant?</i>	<u>Chen, Jin</u> Director, Research Center for Technological Innovation, Tsinghua University Professor, School of Economic and Management, Tsinghua University
	15:00-15:30	<i>Frugal vs. Frontier Innovation -- Literature based investigation and perspective from China</i>	<u>Chen, Xiangdong</u> Professor at Beihang University
	15:30-15:50	Tea & Coffee Break	
	15:50-16:30	Discussion and Concluding Remarks: concept and IP indicators Chaired by Professor Chen, Jin, Tsinghua University	
Close			



# Introduction of Speakers

## Chair :



### **Jin Chen**

**Professor, School of Economics and Management,  
Tsinghua University  
Director, Research Center for Technological  
Innovation, Tsinghua University**

**Short Bio:** Dr. Jin Chen is a Cheung Kong Chair Professor. He is now the full professor of Department of Innovation, Entrepreneurship and Strategy in Tsinghua SEM and Director of Research Center of Technological Innovation at Tsinghua University. His research areas are R&D and Innovation Management, Science, Technology and Innovation policy.

Jin Chen received Ph.D. in Management Engineering in the Department of Management from Zhejiang University in 1994. He went to MIT Sloan School of Management in 1998 as a visiting scholar. In 2000, he went to SPRU of Sussex University as a visiting fellow. Dr. Jin Chen has been awarded Special Government Allowance from the State Council of China, and the Huo Yingdong Youth Teacher Prize and the Third “Young university teachers award” from the Ministry of Education of China. He awarded the Outstanding Youth Fund in 2002 by National Science Foundation of China. In 2009, he was selected for the China’s National Talents Project.

Dr. Jin Chen serves as the chief editor of "International Journal of Innovation Studies", "Journal of Knowledge Management Studies", "International Journal of Techno entrepreneurship" and the associate editor of “Technological Forecasting and Social Change”, “International Journal of Innovation and Technology Management”, “International Journal of Entrepreneurship Venturing”. Dr. Jin Chen also serves as the member of editorial board of "Academy of Management Perspective", "International Journal of Technology Management", et al.

Dr. Jin Chen has published more than 600 articles on various journals and proceedings of international conferences, including “Technovation”, “R&D Management”, “Research Technology Management”, “IEEE Transactions on Engineering Management”, “International Journal of Technology Management”, and Chinese Journals like “Science Research Management”, “Studies in Science of Science”, “Journal of Dialectics of Nature”, etc.

## Co-chair :



### Chen, Xiangdong

**Professor, School of Economics and Management,  
Beihang University**

**Short Bio:** Dr. Chen, Xiangdong is a full professor at the School of Economics and Management, Beihang University, in the fields of international technology transfer and innovation studies, in particular, patent based technology resource management.

He received degree in engineering in undergraduate program and philosophy of technology in master program at Northeast University, China, during 1982 and 1988, and received PhD in social science and economics at Potsdam University, Germany, in 2014. He used to be visiting scholar at Manchester Business School, UK, between 1991 and 1992, visiting professor at Potsdam University, Germany in 2001 and 2009, Nante Graduate School of Business, France, during 1999, City University of Hong Kong, China, during 2003 and 2004; NISTEP, Japan, in 2006, and KIEP, Korea, in 2007, and universities in Brazil since 2013. He was also invited as visiting professor for lecture courses on innovation / technology transfer at Maastricht University, Netherlands, 2010, and Portland State University, USA during 2010, and 2013.

His major teaching and research areas in recent 15 years include international economics, international business management, international technology transfer, as well as on university-industrial technology transfer, evaluation of patent quality, emerging technologies, and regional as well as national innovation system. He published more than 50 papers in international journals (such as Technovation, China Economic Review, Scientometrics, etc.) and international conferences on innovation, Intellectual Property evaluation, and related IP policy studies; and about 80 papers in Chinese journals and related symposiums on innovation and IP management. In recent years, he has been invited to be a key note speaker at numbers of important international conferences / Symposiums in Germany, Brazil, UK, USA, Netherlands, Sweden, Finland, Japan, Korea, and China.

## Speakers ( in order of speech ) :



### **Edison Tse**

**Professor at Stanford University, USA**

**Short Bio:** Professor Tse is the PHD in electrical engineering from Massachusetts Institute of Technology(MIT), the tenured professor in the Department of Management Science and Engineering, Stanford University and the director of the Asia Pacific Center. In 1973, he was awarded with the Donald P. Eckman Prize by American Automatic Control Council; in 2003, he was awarded with the Gold Award by Gm's r&d and planning division; in 2008, he was awarded with the innovation prize on industrial education by Stanford School of Engineering.

He has served as associate editor of international leading academic journals such as IEEE journal, the co-founder and editor of the Journal of Economic Dynamics and Control, and has published more than 150 papers in authoritative international journals. He is the founder and director of ADS, a well-known artificial intelligence company, and the co-founder and former director of Verity company listed on Nasdaq .

Professor Tse has served as the consultant to a number of large enterprises, including China Guangdong Mobile, Capital Airport Holding Group and Beijing Capital Land and etc; he is engaged to help Chinese enterprises to plan and formulate business ecosystem and dynamic strategies, as well as innovative financial strategies for growth and expansion.





## Wang Yi

**Associate Professor, School of Economics and Management at Tsinghua University**

**Short Bio:** Yi Wang is an Associate Professor in the School of Economics and Management at Tsinghua University. He carries out field-based research on the role of capabilities in corporate innovation management. He has examined how sticky knowledge transfer contributes to capability building and enhancing, how core competences evolve along with corporate growth, and how corporate innovation capabilities co-evolve with sectoral systems of innovation. He received his PhD in Management from Zhejiang University.



## Professor Araken Alves de Lima

**Head of the INPI Regional Dissemination Section in the state of Santa Catarina, Professor at Brazilian National Institute of Industrial Property (INPI-BR), Brazil**

**Research and teaching fields: Intellectual Property and Innovation; Intellectual Property and Agribusiness; History of Intellectual Property**

**Short Bio:** Doctorate degree in Applied Economics (2006) at the State University of Campinas (UNICAMP), São Paulo. Works at the National Institute of Industrial Property (INPI) since 2006 as a Technologist in Industrial Property. Held the position of Academic Coordinator of the Master's Program in Intellectual Property and Innovation (Nov / 2007-Oct / 2008), Coordinator of Research and Education in Intellectual Property, Innovation and Development (Oct / 2008-Dec / 2010) and General Coordinator of the Intellectual Property, Innovation and Development Academy (Jan / 2011-Jul / 2013). Professor and researcher in the INPI's Professional Master and Doctoral Programs in Intellectual Property and Innovation. Researcher with emphasis on the Economics of Intellectual Property and Innovation, intellectual property, innovation and agribusiness. Permanent Professor of the Professional Master's Program in Intellectual Property and Technology Transfer for Innovation (PROFNIT / Florianópolis / UFSC Focal Point).





## Michael Crook

**Chairman, Vice Chairman and Executive Committee of International Committee for the Promotion of Chinese Industrial Cooperatives (Gung Ho)**

Specialist of Canadian International Development Agency, Canada-China Cooperation Service Group and China Project

Director of China Soong Ching Ling Foundation

Director of Beijing BaiLie School

Director of China Society For People's Friendship Studies

**Jane Goodall Environmental and Cultural Exchanges (Beijing)**

Board Director of Western Academy of Beijing

Vice President of Beijing Academy of Educational Sciences



## Li, Jianping

**Former Vice Chair of Chinese People's Association for Friendship with Foreign Countries.**

**Short Bio:** He used to serve as the head of the Department of American & Oceanian Affairs of the Chinese People's Association for Friendship with Foreign Countries, Director of the Department of American & Oceanian Affairs, while he also served as Secretary of Mr. Rewi Alley for quite long time, he used to be visiting scholar in Canada, and worked in the Chinese Embassy in the US.



## Zhang Yuming

**Director of the Institute of Small and Medium-sized Enterprises (SME) of Shandong University**

**Professor in the Accounting Department of the School of Management ,Shandong University**

**Short Bio:** Mr. Zhang is a Ph.D on economics and a postdoctoral fellow on management at Fudan University; he is the director of the Institute of Small and Medium-sized Enterprises (SME) of Shandong University and a professor in the Accounting Department of the School of Management Under Shandong University. He is engaged in areas such as financial securities and financial management, SME development and enterprise growth theory, scientific and technological innovation and management; he had presided over one major project from the National Social Science Fund of China known as the research on the construction of scientific and technological SME financing credit platform , one key project and two projects of research grants, and more than 10 subjects such as China's low-carbon independent innovation mode selection and countermeasures and etc on the provincial and ministerial-level by Ministry of Education, Shandong Natural Science Fund; he has published 12 books, including Capital Structure Optimization and Financing Strategies of High-tech Enterprises, Growth Mechanism of Small and Medium-sized Science and Technology Enterprises and etc, and 4 textbooks such as Financial Financing and etc; more than 120 papers in accounting research, statistical research and scientific research management, among which 50 have been included by CSSCI and 5 have been retrieved by EI. His research results have been repeatedly excerpted or reproduced in the full text by China Social Science Abstracts; he has won the major achievement award of excellent social science achievements among Shandong province and granted with the first prize and other kinds of provincial and ministerial prizes for more than 10 times such as the first prize of provincial soft science and etc.



## Professor **Francisco José Peixoto Rosário**

**Professor at the Federal University of Alagoas**

**Research and teaching fields: microeconomics, industrial economics, innovation, innovation habitats, agroindustry, industrial and technological agglomeration**

**Short bio:** PhD in Industry and Technology Economics from the Federal University of Rio de Janeiro (2008). Master's degree in Business Administration (1999) and bachelor's degree in Economics (1994) from Federal University of Alagoas. Master's degree professor in economics (<http://www.feac.ufal.br/mestrado/economia/corpo-docente.html>), intellectual property and innovation in Federal University of Alagoas; Researcher at Group of Studies in Technology, Innovation and Competitiveness. Experience in Economics, with emphasis on Industrial Economics and Industrial Studies, working in our main subjects: innovation, innovation habitats, agroindustry, industrial and technological agglomeration.



## Professor **Ana Maria Rita Milani**

**Professor at the Federal University of Alagoas (UFAL)**

**Research and teaching fields or field of interest: Economic Development, Macroeconomic, Solidarity Economy and Social Economy**

**Short bio:** Ana Milani holds a degree in Economics from the University of Buenos Aires (1996) and a Masters in Economics from the Federal University of Bahia (2005). She has been a Masters degree in CAPES. PhD in the Graduate Program in Economics, Federal University of Rio Grande do Sul (2010). Adjunct Professor, Faculty of Economics, Administration and Accounting, Federal University of Alagoas (FEAC-UFAL). She is currently Coordinator of the Master's Degree in Applied Economics at the Federal University of Alagoas (CMEA-UFAL).



## **Mr. Gilberto Neves Pinto Meister**

**Service Coordinator for the Economy Office of Maceió**

**Research and teaching fields or field of interest: Smart Cities and Urban Development at Maceió City Hall**

**Short Bio:** Degree in Telecommunications Engineering, an MBA in tax law and coding skills, worked for 8 years in telecommunication companies in data networks supervision and telecommunications infrastructure areas. Working the last 15 years on the public sector as a Tax Auditor in Maceió Prefecture, actually is a service coordinator for the Economy Office of Maceió and member of the Innovation and Smart Cities Committee of the city of Maceió.



## **André Moraes dos Santos**

**Professor at the University of Vale do Itajaí, UNIVALI - University of Vale do Itajaí**

**Research and teaching fields or field of interest: Innovation, Frugal Innovation, Innovation Systems, Intellectual Property, Information Technology**

**Short bio:** PhD in Business Administration from the Universidade Nove de Julho and Master's degree in Business Administration from the Federal University of Rio Grande do Sul. Full professor at the University of Vale do Itajaí. Research interests in innovation and information technology, working mainly on the following topics: innovation, frugal innovation, big data on patents database, management of innovation, innovation systems, adoption and infusion of information technology and information systems, information security, knowledge management. Evaluator in National and International Congresses. Member of Technology Transfer Office of Vale do Itajaí University (Uniinova), Professor on Academic Masters and PhD in Management and Professional Masters in Management and Advisor at the Sectoral Chamber of Technology and Innovation of the Federation of Industries of Santa Catarina (FIESC).





## Li Jizhen

**Vice Professor** Department of Innovation and Entrepreneurship and Strategy

**Vice President** School of Economics and Management, Tsinghua University

**Short Bio:** He is the vice professor and the vice president of the School of Economics and Management of Tsinghua University, and a researcher and deputy director of the Technology Innovation Research Center of Tsinghua University, a key research base of Humanities and Social Sciences of the Ministry of Education.

In 1997, he got his double bachelor's degrees in Department of Economics and Management Department of Automobile of Tsinghua University; and in 2002, he got his master's degree and doctor's degree in School of Economics and Management of Tsinghua University. He is mainly engaged in research areas such as technology innovation management, science and technology policy, project management and SME innovation and entrepreneurship management. As the project leader, he had presided over more than 20 projects, including 6 projects of Natural Science Foundation of China, 6 projects by China National Ministry of Science and Technology, and 8 enterprise consulting projects. He has participated in more than 40 projects.

He has published more than 90 papers in academic journals or selected by academic journals, including 15 SSCI papers and 32 CSSCI papers.; he has published 3 books, translated 6 works, and participated in the preparation of 8 works (including 3 English works). He has obtained the first prize of Humanities and Social Science of the Ministry of Education once, the second prize of provincial and ministerial level scientific and technological progress twice, the first prize of Beijing Philosophy and Social Science once, the first prize of Tsinghua University's Teaching Achievements once and the second prize once as well. In the spring of 2006, Mr. Li took the position as an international faculty in the Sloan School of Business at the Massachusetts Institute of Technology. Now he also takes a part-time academic position as the member of International Association of China Management Research, the member of Greater China Project Management Advancement Committee, the member of American Project Management Institute and the member of American Academy of Management. Mr. Li also actively participates in related activities of enterprises, to provide management training and management consulting services for many enterprises.







## Kazuyuki Motohashi

Professor of TMI department and the director of international technology Management Program.

**Short bio:** He is served as a faculty fellow at RIETI (Research Institute for Economy, Trade and Industry) and a visiting researcher at NISTEP (National Institute for Science and Technology Policy). Until this year, he had taken various positions at the Ministry of Economy, Trade and Industry of the Japanese Government, economist at OECD and associate professor at Hitotsubashi University. His research interest covers a broad range of issues in economic and statistical analysis of innovation, including economic impacts of information technology, international comparison of productivity, national innovation system focusing on science and industry linkages and SME innovation and entrepreneurship policy. He has published several papers and books on above issues, including *Productivity in Asia: Economic Growth and Competitiveness* (2007), *Global Business Strategy: Multinational's Venturing Into Emerging Economies* (2014). He is an editor of *Research Policy*.



## Wang, Mingyang

Director of Dpt. International Consulting; Partner of GEI Consulting

**Short Bio:** 10 years of experience in strategy consulting of science and technology parks (STPs), participated in research projects such as “the 13th Five-Year” Development Strategy Scheme of China National High-tech Zone, studies and research on approaches to cooperation with STPs in developing countries, construction scheme and development plan of Science and Technology Park Mongolia etc., leaded or participated in nearly 100 consulting projects of development plan and international cooperation of domestic and foreign STPs, rich experience in strategic planning, technology innovation system and international cooperation studies in STPs.

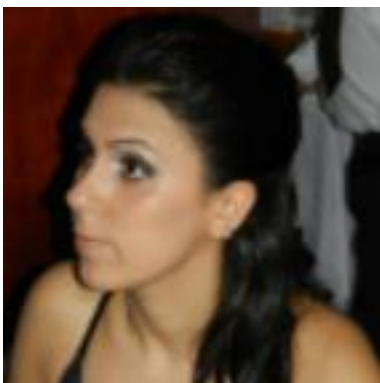


## **Andréa Maristela Bauer Tamanine**

**Coordinator on Innovation and Entrepreneurial Activities of the Univille Innovation Agency - campus São Bento do Sul, University of the Region of Joinville (UNIVILLE)**

**Research and teaching fields: Open innovation; transfer of knowledge and technology; entrepreneurship**

**Short bio:** PhD in Linguistics from Federal University of Paraná - UFPR (2010). International MBA in Innovation Management - PUC-PR and Université de Technologie de Compiègne (UTC) (2013). Post-doctorate in Technology Park Management - Technological Transfer Area, at the Autonomous University of Barcelona, Spain (2016). Effective professor at Joinville University - UNIVILLE in undergraduate courses in Law, Mechanical Engineering and Electrical Engineering with the disciplines Methodology of Scientific and Technological Research and Innovation and Entrepreneurship. Collaborating professor of master's degree in Intellectual Property and Transfer of Technology for Innovation (PROFNIT - Focal Point Federal University of Santa Catarina). Held the positions of Coordinator of Research and Postgraduate Degrees - with emphasis on Research and University-Company relationship - between 2002 and 2011 - and Coordinator of Univille Innovation and Intellectual Property Office between 2008 and 2015. Coordinator of the implementation team of the Technological Park of São Bento do Sul (SC) (2017). Member of Deliberative Council of Technological Incubator (ITFETEP) 2010 - 2017.



## Professor **Clarissa Stefani Teixeira**

**Professor of the postgraduate program in Engineering and Knowledge Management (PPEGC) and of the master's degree in Intellectual Property and Transfer of Technology for Innovation (PROFNIT) at Federal university of Santa Catarina (UFSC)**

**Research and teaching fields: innovation habitats, open innovation; entrepreneurship**

**Short Bio:** PhD in Production Engineering from Federal University of Santa Catarina (UFSC) (2011). Professor of the postgraduate program in Engineering and Knowledge Management (PPEGC) and of the master's degree in Intellectual Property and Transfer of Technology for Innovation (PROFNIT). Government coordinator in the project to Strengthen Innovation Habitats for the implantation of 13 Centers of Innovation - Santa Catarina. Consultant of the governing bodies for the development of methodologies of open innovation and innovation in government. Leader of the VIA Knowledge Station group and vice president of the Citizen Monitoring Network - funded by the Inter-American Development Bank. Coordinator of the Sapiens Center - Creative District of Florianópolis and Cocreation Lab - pre-incubator of the UFSC. Experience in the area of public policies of Science, Technology and Innovation, innovation projects, innovation habitats and entrepreneurship.



## Li Xibao

**Vice professor in School of Economics and Management, Tsinghua University**

**Short Bio:** Li Xibao is the PH.D and serves as the Vice professor in School of Economics and Management, Tsinghua University, the member of the Technology Innovation Research Center of Tsinghua University. In 1993, he obtained his double bachelor's degrees on industrial management engineering and automatic control engineering from Shanghai Jiaotong University; in 1998, he obtained his master's degree on technological economic management from Tsinghua University; in 2001, he obtained his master's degree on applied statistics from Ohio State University; in 2003, he obtained his doctoral degree on public policy and management from Ohio State University

Mr. Li's research interest mainly focuses on innovation management, entrepreneurship management and knowledge management, and his papers are mainly published on international journals such as Research Policy, Journal of Small Business Management, International Journal of Technology Management, World Development and etc as well as domestic journals such as Management World, China Soft Science, The Journal of Quantitative & Technical Economics, China Journal of Economics, China & World Economy (English version) and etc. Mr. Li has presided the projects from Natural Science Foundation of China and projects from the National Social Science Fund of China, participated in compiling the China Entrepreneurship Monitor Report (2005, 2007); he has been appointed as the anonymous judge by several academic journals and Natural Science Foundation of China. Presently, he teaches courses on technology innovation management, business plan design and etc.





## **Professor Felipe Augusto Melo de Oliveira**

**General Coordinator of Dissemination for Innovation, National Institute of Industrial Property – INPI Brazil**

**Research and teaching fields or field of interest: innovation; industrial property and development; public awareness of IP.**

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## Professor **Ricardo Carvalho Rodrigues**

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**Short bio:** Chemical Engineering degree (2002), a Master's (2004) and a Doctoral (2010) degrees in Sciences in Chemical Engineering from the COPPE / UFRJ. He is a civil servant and Industrial Property Researcher at National Institute of Industrial Property of Brazil (INPI-BR). From 2016 to June 2018, he was the head of Graduate and Research Division and Academic Coordinator of the Master's and Doctoral Programs in Intellectual Property. Since March of 2013, Dr. Ricardo has been researcher and professor of Industrial Property in the Master's and Doctoral Programs at INPI-BR. He has also been full Professor at the Professional Master's Program in Intellectual Property and Technology Transfer for Innovation (PROFNIT / Rio de Janeiro / UFRJ Focal Point) since 2016.



## **Han, Xiucheng**

**Director and Researcher, Development Research Center of the National Intellectual Property Administration**

**Short Bio:** He graduated from Shandong University and joined the China Patent Office (Now knows as National Intellectual Property Administration, PRC) in 1984. For many years, he mainly engaged in intellectual property policy and strategy research, presided over or participated as a principal researcher in the research of *the National Intellectual Property Strategy Outline*, research on intellectual property power issues, and more than 20 major policy studies on the use and protection of property rights and the 13th Five-Year Plan. And he has published a number of relevant intellectual property systems and policy monographs and special comments.



## Professor **Alessandro Golombiewski**

**Professor, School of Public Policy and Management, Tsinghua University**

**Short Bio:** Professor Alessandro Golombiewski is a National Thousand Talents Professor. Distinguished Professor of public policy at SPPM and professor of international business at Schwarzman College in Tsinghua university. Visiting professor at Columbia University and Denver University in the USA. He was the former Brazilian Minister of Tourism. Deputy Minister of Development Industry and Foreign Trade. Also he was the President of The Brazilian Agency For Industrial Development ABDI and the Brazilian Agency for Export and Investment Promotion APEX Brasil. Prof. GOLOMBIEWSKI was also President of the World Association of Investment Promotion Agencies WAIPA. For 12 years he was a board member of the Brazilian National Development Bank, and he was at the board of different Brazilian and international institutions, such as UNCTAD, UNIDO, SEBRAE and FINEP.



## Professor **Liu, Yun**

**Vice President/Professor, Doctoral Supervisor**

**Short Bio:** Dr. Liu Yun, Professor, Deputy Dean of School of Public Policy and Management at University of Chinese Academy Sciences (UCAS). He serves as the Chairholder of UNESCO Chair in South-South Cooperation for Science and Technology to Address the Climate Change, which is approved by UNESCO and MOST, MOE of China. Prof. Liu's research interests include theory and method of R&D assessment, S&T policy and management, R&D and innovation management, National Innovation System and Global Innovation Network, strategy and management of intellectual property, innovation policy for emerging industries, data-mining and S&T information resource monitoring system, etc. Prof. Liu serves as the strategic consultant expert for MOST, NSFC, SIPO, MOE, MOIT of China, and serves as the executive directorate of China's Soft Science Society, Chinese Association for Science of Science and S&T Policy Research, Chinese Society of Technology Economics , and the member of Academic Committee of Technology Innovation Research Center at Tsinghua University, the visiting Prof. of School of Public Policy at Georgia Institute of Technology in USA, He has published more than 40 papers in international journals and international conferences, and more than 150 papers in Chinese journals on R&D and innovation Management, IP policy and management, NIS and innovation globalization, etc.