

**PROTOCOL**  
**of the 12th Session of the Slovenia-China**  
**Scientific and Technological Cooperation Committee**

In accordance with the Agreement on Scientific and Technological Cooperation between the Government of the Republic of Slovenia and the Government of the People's Republic of China, signed in Ljubljana on September 13th, 1993, the 12th Session of the Slovenia-China Scientific and Technological Cooperation Committee (hereinafter referred to as the Committee) was held in Ljubljana on March 26, 2018.

The Slovenian Party of the Committee was headed by Mr. Tit Neubauer, Head of the International Cooperation and EU Office, Ministry of Education, Science and Sport of the Republic of Slovenia. The Chinese Party of the Committee was headed by Mr. CHEN Linhao, Deputy Director General of Department of International Cooperation, Ministry of Science and Technology of the People's Republic of China.

The list of participants from both Parties is indicated in Annex I.

The Committee addressed the following issues:

**1. Exchange of Information on Research and Development**

Both Parties exchanged information on their key strategies and the latest plans of R&D as well as the international scientific cooperation of their respective countries.

Delegations visited the Institute of Metals and Technology, Reactor Centre of the Jožef Stefan Institute and Karst Research Institute to exchange information

on existing cooperation and possibilities for its strengthening. All three institutes actively cooperate with Chinese research institutions.

Both parties will endeavour to support cooperation between Institute of Plasma Physics, Chinese Academy of Sciences and Jožef Stefan Institute and Cosylab in the field of proton therapy, fusion and fission.

## **2. Review of the Performance of the Projects Agreed at the 11th Session**

Secretaries of both Parties reported to the Committee on the performance of the projects agreed at the 11th Session. The Committee expressed its satisfaction with the implementation of the projects one year after their start.

## **3. Discussions on New Joint Projects and Initiatives**

Both Parties mutually agreed that projects under the present Protocol should be in accordance with priorities for S&T cooperation of both countries. The project proposals under consideration have been submitted simultaneously by both cooperating partners to the respective Parties.

The Slovenian Research Agency on behalf of the Ministry of Education, Science and Sport received 74 project proposals for joint research projects and the Ministry of Science and Technology of the People's Republic of China received 69 proposals for joint research projects. 7 project proposals were submitted only to the Slovenian side and 2 project proposals were submitted only to the Chinese side. All these proposals were eliminated from further procedure. Committee considered 67 projects received by both sides.

The new project proposals were pre-reviewed by both Parties. According to the project priorities and regulations of both Parties, the Committee selected the projects of this session, which are listed in Annex II.

#### **4. Administrative and Financial Terms**

Both Parties reviewed the administrative and financial terms and conditions of the bilateral S&T cooperation.

##### **4.1. The administrative terms**

Both Parties agreed that the cooperating partners of each approved project under the present Protocol should submit a report to the Committee which reviews the performance of the project and proposes a framework for future cooperation.

Scientific and technological results and any other information derived from the cooperation activities under the present Protocol will be published or commercially exploited with the consent of both cooperating partners and complying with the international conventions and laws of the Parties concerning intellectual property.

##### **4.2. The financial terms**

Both Parties agreed to provide necessary financial support for implementation of the approved joint projects in accordance with respective financial regulations.

The sending Party covers the international travel costs.

The receiving Party covers daily allowance for meals, accommodation and local transportation costs (including the transfer from the first point of entry in the host country to the receiving institution and return) necessary for the implementation of the approved projects according to the host country laws and regulations in force.

For each project listed in the Annex II to this Protocol, both Parties agreed to support the exchange of 4 persons from each country for a maximum period of 14 days for each person for the whole duration of the project. The Committee recommends that visits are executed in both years.

#### **5. Discussion on the co-support of research and development projects in priority areas of both countries**

Both Parties discussed the possibilities of upgrading bilateral cooperation (mobility projects) in the form of research projects where the Parties, along with mobility, could finance research activities. It has been agreed that the decision will be taken by written procedure between the Parties until the end of May 2018.

#### **6. Setting the Date and Place of the 13th Session of the Committee and call for research project proposals for the period 2020-2022**

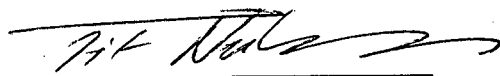
The Committee agreed that both Parties should announce the next Call for proposals for the period 2020-2022 in the second half of 2019. The decision of the elements of the call will be taken by written procedure by the end of 2018. This decision will include the following elements: priority areas, funding, evaluation procedure, measures and other elements.

The 13th Session of the Committee will be held in China in 2020.

If necessary, the Committee can hold a mid-term meeting to exchange information on latest achievements on S&T policies, and to evaluate the performance of the projects. The exact date and place will be mutually decided through an exchange of letters between the Parties.

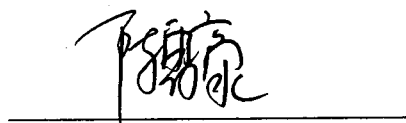
The present Protocol integrated with Annex I and II was signed in Ljubljana on March 26, 2018, in two copies, each in Slovenian, Chinese and English languages, with the three texts being equally authentic. In case of divergence of interpretation, the English text shall prevail.

Chairperson of  
the Slovenian Party



Tit Neubauer

Chairperson of  
the Chinese Party



CHEN Linhao

**Annex I**

**LIST OF SLOVENIAN PARTY TO**  
**The 12th Session of Slovenia-China**  
**Scientific and Technological Cooperation Committee**

Mr. Tit Neubauer

Chairperson of the Slovenian Party of the Joint Committee,  
Head, International Cooperation and EU Office, Ministry of  
Education, Science and Sport

Mrs. Meta Dobnikar

Head, Science Directorate, Ministry of Education, Science and Sport

Mrs. Slavi Krušič

Slovenian Secretary to the Session  
International Cooperation and EU Office, Ministry of Education,  
Science and Sport

Mrs. Mojca Boc

Head, Department of Research Infrastructure and International  
Cooperation, Slovenian Research Agency

**LIST OF CHINESE PARTY TO**  
**The 12th Session of Slovenia-China**  
**Scientific and Technological Cooperation Committee**

Mr. CHEN Linhao

Chairperson of the Chinese Party of the Committee,  
Deputy Director General of Department of International Cooperation,  
Ministry of Science and Technology

Mr. ZHOU Yu

Division Director of Euro-Asia, Department of International  
Cooperation, Ministry of Science and Technology

Mrs. GU Min

Chinese Secretary to the Session, Consultant, Division of Euro-Asia,  
Department of International Cooperation, Ministry of Science and  
Technology

Mrs. HE Xiuping

Division Director, Department of Science and Technology, Inner  
Mongolia Autonomous Region

Mr. NING Bolun

Deputy Division Director, Office of European Affairs, Bureau of  
International Cooperation, Chinese Academy of Sciences

Mr. YUAN Kehua

Economic & Commercial Counsellor, Embassy of the P.R. China in  
the Republic of Slovenia

Mr. WU Tongxin

Secondary Secretary, Economic & Commercial Counsellor's Office,  
Embassy of the P.R. China in the Republic of Slovenia

## Annex II

### The Project List for the 12th Session of Slovenia-China Scientific & Technological Cooperation Committee

#	Project Title	Slovenian Organization	Slovenian Applicant	Chinese Organization	Chinese Applicant
12-1	Advanced treatment of pharmaceutical wastewaters in integrated photocatalytic process over nanostructured g-C <sub>3</sub> N <sub>4</sub> materials	National Institute of Chemistry	Albin Pintar	Institute of Process Engineering, Chinese Academy of Sciences	XIE Yongbing
12-2	Plasma catalytic conversion of CO <sub>2</sub> in a warm plasma reactor	National Institute of Chemistry	Blaž Likozar	Dalian University of Technology	LIU Jinglin
12-3	To Tailor Film Thickness and Friction in Oil Lubricated Contacts by Solid-Liquid Interactions	University of Ljubljana	KALIN Mitjan	Qingdao University of Technology, China	GUO Feng
12-4	Research on Rare Earth-Free Motor Drive System for New Energy Electric Vehicles	University of Ljubljana	Igor Škrjanc	China University of Mining & Technology	CHEN Hao
12-5	The application of encapsulation of microbes in brewing	University of Ljubljana	Nataša Poklar Ulrih	China National Institute of Food and Fermentation Industries Corporation Limited	YAN Yinzhuo
12-6	Some topics in modern graph theory	Faculty of Information Studies in Novo mesto	Riste Škrekovski	Nankai University	SHI Yongtang



#	Project Title	Slovenian Organization	Slovenian Applicant	Chinese Organization	Chinese Applicant
12-7	An Analysis Of R&D Efficiency: The Link Between Public Support For R&D Investment And Corporate Performance In Slovenia And China	University of Ljubljana, Faculty of Administration	Aleksander ARISTOVNIK	Institutes of Science and Development, Chinese Academy of Sciences	YANG Guoliang
12-8	Biogeography of primitively segmented spiders: integrating taxonomic and phylogenomic research	National Institute of Biology	Matjaž Kuntner	Hunan Normal University	XU Xin
12-9	Domination game on graphs and digraphs	Institute of Mathematics, Physics and Mechanics	Sandi Klavžar	Nanjing University of Aeronautics & Astronautics	XU Kexiang
12-10	Structural Evolution of Iron Species in FePO <sub>4</sub> catalysts for oxidative dehydrogenation of Propane and butane to produce a high selectivity of propylene and butadiene	National Institute of Chemistry	Venkata D.B.C. Dasireddy	Dalian Institute of Chemical Physics, Chinese Academy of Sciences	WANG Junhu
12-11	Synthesis and Characterization of Novel Functional Hyperbranched Poly(ether-ester)s from Renewable Resources	National Institute of Chemistry	Ema Žagar	South China University of Technology	ZHAO Junpeng
12-12	China and Yugoslavia in the Global South: Convergences and Divergences	Science and Research Centre Koper	Jože Pirjevec	Center for Study of Civilizations, Capital Normal University	LIANG Zhanjun
12-13	Greening of the existing residential buildings using BIM process	University of Ljubljana	TURK Žiga	Tsinghua University	MA Zhiliang

#	Project Title	Slovenian Organization	Slovenian Applicant	Chinese Organization	Chinese Applicant
12-14	Recycling of Rare-Earth Magnets Using Ionic Liquids	Institute of Metals and Technology (IMT)	Matjaž Godec	Baotou Research Institute of Rare Earth	MA Ying
12-15	Understanding the molecular basis for halotolerance	University of Ljubljana	Nina Gunde-Cimerman	BGI-Shenzhen	SONG Zewei
12-16	ICT enabled business networks in multi-ethnic environment with emphasis on One Belt One Road (OBOR) efforts	University of Maribor	Polona Tominc	Dalian Minzu University	ZHANG Juyong
12-17	Study on Key Intelligent Control Technology and Method of Robot Assistant System for Cerebral Palsy Rehabilitation	University of Maribor	Marjan Mernik	Changshu Institute of Technology	LU Zhenli
12-18	Self-Assembly and Nonequilibrium Response in Polymer-Nanoparticle Mixtures	National Institute of Chemistry	Matej Praprotnik	Institute of Physics, Chinese Academy of Sciences	Jure Dobnikar
12-19	Research on Intelligent Early Warning of Emergency from Perspective of Public Security	University of Maribor	Niko Lukač	Dalian Minzu University	LIU Shuang
12-20	Characterization and application of key factors involved in host and Verticillium spp. Interaction	University of Ljubljana	Branka Javornik	Huazhong Agricultural University	ZHU Longfu
12-21	Perceptions of caring among Slovenian and Chinese nursing students	University of Maribor	Majda Pajnkihar	Hangzhou Normal University	TAO Yuexian
12-22	Study on the function properties and thermal safety performance of	University of Ljubljana	Manja Kitek Kuzman	Nanjing University of Science and Technology	XU Qiang

#	Project Title	Slovenian Organization	Slovenian Applicant	Chinese Organization	Chinese Applicant
	wood materials and adhesives for 3D printing technology				
12-23	Bifurcation and application of dynamical systems	University of Maribor	Ferčec Brigita	Shanghai Jiao Tong University	TANG Yilei
12-24	Evaluation of intelligent learning techniques for prediction of hydrological data: useful case studies in China and Slovenia	University of Ljubljana	Nejc Bezak	Chongqing Technology and Business University	BAI Yun