

**Decision Document on Mobility Projects
for the 6th Session of the Joint Committee Meeting on
Scientific and Technological Cooperation
between
the Republic of Serbia and
the People's Republic of China**

In compliance with the Agreement on Scientific and Technological Cooperation between the Government of the Republic of Serbia and the Government of the People's Republic of China, signed in Beijing on April 7th, 2009, as well as the Protocol of the 6th Session of China-Serbia Scientific and Technological Cooperation Committee, signed on the 11th September, 2023, the Decision Document on Mobility Projects for the 6th Session of the Joint Committee Meeting on Scientific and Technological Cooperation between the Republic of Serbia and the People's Republic of China is signed in Belgrade and Beijing in mid-July, 2024. The Ministry of Science, Technological Development and Innovation (further referred to as "MSTDI") of the Republic of Serbia and the Ministry of Science and Technology (further referred to as "MOST") of the People's Republic of China (further referred to as "Parties") confirm the following:

- 1) The Parties announced the open call for Mobility project proposals for the 6th Session on the 30th June 2023 with the deadline for the submission of project proposals by 31st August 2023 on both sides.
- 2) Within the call, 98 project proposals on the Serbian side and 75 on the Chinese side were submitted respectively.
- 3) 72 project proposals in the aggregate passed the eligibility check of both sides and were annexed to the Protocol of the 6th Session on the 11th September, 2023.
- 4) After the 6th Session, both Parties carried on the peer review in 1 round.
- 5) 23 project proposals were finally agreed by the Parties to fund in the next 2 years (2024-2026) as shown in the Annex below.
- 6) The total support for each project is about 500,000 RSD provided by MSTDI and RMB 90,000 yuan (c. 12,000 USD) provided by MOST.
- 7) The implementation guidelines for the approved projects are stipulated in the internal methodologies of the partner organizations.

Each Party shall notify the other Party of any changes to this document in writing sent by letter or email.

This document is signed in one copy, in English. In case of divergence of interpretation, the Parties shall negotiate with each other in written forms by letter or email.

**On behalf of the Ministry of Science,
Technological Development and
Innovation of the Republic of Serbia**

**On behalf of the Ministry of Science
and Technology of the People's
Republic of China**

30 *Ivana Vukašinović*
.....
Ivana Vukašinović
Acting Assistant Minister
Sector for International Cooperation and
European Integration

Date: *22.07.2024.*

Wang Xiao
.....
WANG Xiao
Deputy Director General
Department of International
Cooperation

Date: *23.07.2024*

Annex

Serbia-China Mobility Projects for the 6th Session of Serbia-China Joint Committee Meeting on Scientific and Technological Cooperation

#	Project Title	Serbian Institution	Serbian PI	Chinese Institution	Chinese PI
1	Conceptual design of the first scientific CubeSat in Serbia for Sun observations	Astronomical Observatory	Milan Stojanović	DFH Sat Co. Ltd	Tian Tan
2	Biochar and agricultural pollution control, carbon reduction and green development	University of Novi Sad Faculty of Sciences	Snežana Maletić	Nankai University	Peng Zhang
3	Establishment of a platform for genetic polymorphism research in the Balkan population	Institute of Molecular Genetics and Genetic Engineering, University of Belgrade	Danijela Drakulić	BGI Research, Shenzhen	Mingyan Fang
4	Research and application of molecular marker-assisted breeding techniques in fruit crops and grapevine	Faculty of Agriculture, University of Belgrade	Dragan Nikolić	Institute of Forestry and Pomology, Beijing Academy of Agriculture and Forestry Sciences	Haoyuan Sun
5	Cooperative research on bulk port green & low carbon technologies	University of Belgrade, Faculty of Mechanical Engineering	Nenad Zrnić	Shanghai Maritime University	Xiangwei Liu
6	Hydrogel Ionotronics for Soft Robotic Applications	Mathematical Institute of the Serbian Academy of Sciences and Arts	Milan Čajić	Hohai University	Lin Ji

7	The Theory and the Computation of Tensors and Operator Equations	University of Nis, Faculty of Science and Mathematics	Dragana Cvetkovic Ilic	Fudan University	Wei Yimin
8	Formation conditions and application potential of Miocene lignite from China and Serbia - integral geological and geochemical study	University of Belgrade, Faculty of Chemistry	Ksenija Stojanović	Hebei University of Engineering	Bangjun Liu
9	Sustainable Biorefinery for Agrifood By-Products: Creating New Value Chains in Serbia and China	Institute of Food Technology, University of Novi Sad	Milica Pojić	East China University of Science and Technology	Liming Zhao
10	Theory-driven design of Cr ³⁺ -activated phosphors for advanced applications in horticulture lighting and thermometry	Vinca Institute of Nuclear Sciences - National Institute of the Republic of Serbia, University of Belgrade	Vesna Djorđević	Chongqing University of Posts and Telecommunications	Chonggeng Ma
11	Roles and Mechanisms of Gut microbiota disorder in sepsis via mediating Impairment of B Lymphocyte Differentiation and B-lymphocytes dysfunction	University Clinical Centre of Serbia	Nebojsa Ladević	Ruijin Hospital, Shanghai Jiao Tong University School of Medicine	Dechang Chen
12	Highly efficient H ₂ O ₂ production via two-electron oxygen reduction over non-noble metal electrocatalysts	University of Belgrade Faculty of Physical Chemistry	Nemanja Gavrilov	Yangtze Delta Region Institute (Huzhou), University of Electronic Science and Technology of China	Yizhao Li
13	The biological mechanism of intracellular magnetic hyperthermia of osteosarcoma and numerical analysis of relationship between thermal dose and therapeutic effect	University of Kragujevac, Faculty of Engineering	Nenad Filipović	Dalian University of Technology	Wei Zhang

14	Study on the synergy of hydrogen embrittlement mechanisms in high-entropy alloys for hydrogen-based energy applications	Faculty of Mechanical Engineering, University of Belgrade	Miloš B. Djukić	University of Science and Technology Beijing	Hong Luo
15	Integration with Flexible IoT and Blockchain technology for PLM Strategy based perishable food quality management and traceability	Institute of Food technology, Novi Sad	Žarko Kevrešan	China Agricultural University	ZHANG Xiaoshuan
16	Machine Learning Investigation of Weak Interactions in Biological Systems	University of Belgrade Faculty of Chemistry	Snežana D. Zarić	Sichuan university of science and engineering	Hua-jun Shawn Fan
17	Food Safety in a Changing Climate: Challenges and Solutions In Terms of Mycotoxins	Institute for Food Technology, Novi Sad	Jovana Kos	Shandong Agricultural University	Dapeng Li
18	Development of high entropy hydrogen storage alloy materials for static compression	Vinca Institute of Nuclear Sciences, National Institute of Republic of Serbia, University of Belgrade	Jasimina Grbović Novaković	Xi'an Jiaotong University	Yang Fusheng
19	The breeding technology improvement of organic vegetable and variety promotion	Institute of Field and Vegetable Crops, National Institute of the Republic of Serbia	Milka Brdar-Jokanović	Beijing Vegetable Research Center (BVRC) , Beijing Academy of Agriculture and Forestry Sciences (BAAFS)	Haiying Zhang
20	The cooperative study of high-performance and low-cost gas sensors for smart agriculture	University of Belgrade-Institute for Multidisciplinary Research	Goran Branković	Shanghai Institute of Ceramics, Chinese Academy of Sciences	Tian Tian
21	Reinforcement learning for graph theory	Mathematical Institute of the Serbian Academy of Sciences and Arts	Dragan Stevanović	Nankai University	Jiangdong Ai

22	Optical conductivity and transport properties of Bose Hubbard model	Institute of Physics Belgrade	Ivana Vasić	Shanghai Jiao Tong University	Wei Ku
23	Synergistic Exploration of Liquid Fermentation and Bioprospecting for Value-added Fungal Products	Institute of General and Physical Chemistry	Jovana Vunduk	Institute of Edible Fungi, Shanghai Academy of Agricultural Sciences	Jie Feng

947