



**Consiglio Nazionale delle Ricerche**



**中华人民共和国科学技术部**

**Bilateral Agreement CNR / MOST**

**Joint Research Projects 2024-2025**

**Final Report**

Considering the Joint Bilateral Agreement signed on October 1, 2019, the joint call for the bilateral project program launched on April 14, 2023, both Parties have jointly decided to fund, within the framework of the future joint program, 4 projects granting 25.000 Euros/ 200.000 RMB per project every year, for a total of 2 years.

After the evaluation procedures performed independently by both Parties, the assessed projects obtaining the highest scores have been taken into account.

The Parties agreed to finance the following proposals included in a final ranking list:

| Joint Research Project  | Italian Institute   | Chinese Institution                    |
|---|---|--|
| "Decentralized federated learning for AI and Cobot manufacturing convergence" | Dr. Sanaz Kianous<br>Institute of Electronics and Telecommunication and Information Engineering | Dr. Mingjun Dai<br>Shenzhen University |
| "Multifunctional personalized biomaterials for bone cancer treatment"         | Dr. Luigi Ambrosio<br>Institute of Polymers, Composites and Biomaterials                        | Dr. Xiao Yang<br>Sichuan University    |



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| Joint Research Project   | Italian Institution   | Chinese Institution   |
|--|---|---|
| "Remote sensing of plant species and functional diversity from terrestrial to aquatic systems"                             | Dr. Paolo Villa<br>Institute for Electromagnetic Sensing of the Environment | Dr. Zeng Yuan<br>Aerospace Information Research Institute,<br>Chinese Academy of Sciences |
| "Revealing multi-scale variabilities of the Arctic Ocean through high-resolution remote sensing and numerical simulations" | Dr. Chunxue Yang<br>Institute of Marine Sciences                            | Dr. Zhiyu Liu<br>Xiamen University  |

for the

National Research Council of Italy

for the

The Ministry of Science and Technology of China

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