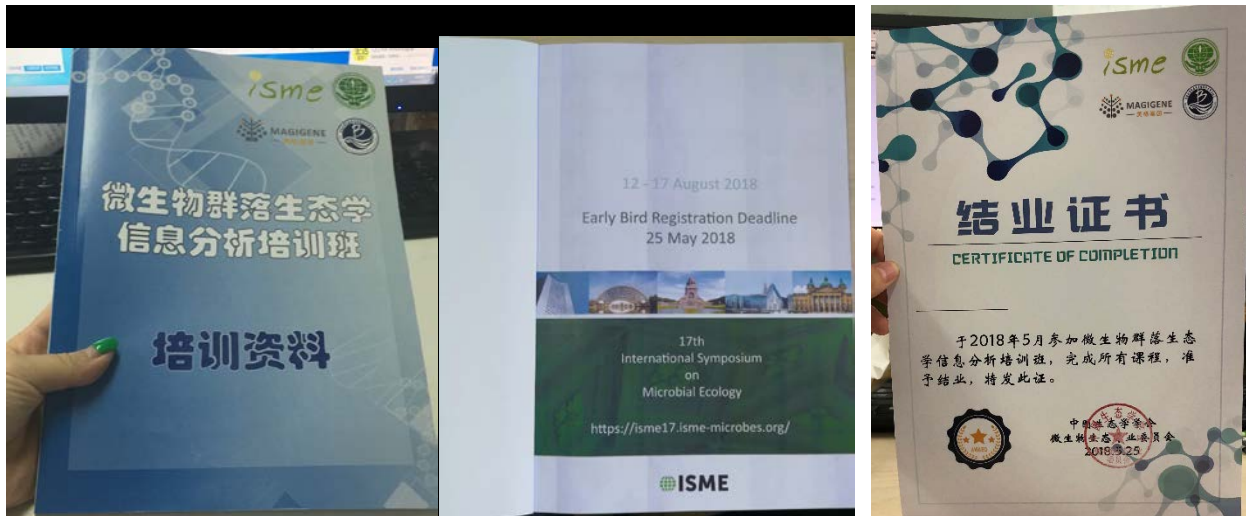The seminar of bioinformatics analysis in microbial ecology has been held in Beijing from 21st to 22nd, May, 2018. Total 89 young scientists and Ph.D candidates from more than 60 universities and research institutes across China attended this seminar in Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences. The members of Prof. Ye Deng's lab was the major host for seminar. As one of the sponsors for this seminar, the ISME logo was used throughout the seminar, and the poster for Leipzig ISME 17 International Symposium has been printed in the first page of the document.

The seminar is based on analysis and data mining foundation of microbial community ecology. We focused on three important issues of microbial ecology. (i) How to choose detection technology? (ii) How to get microbial community composition and diversity information? (iii) How to further dig out the information? The lessons included survey of microbial ecology, application and analysis of metagenomic molecular detection, preliminary treatment of sequencing data, as well as analysis and statistical method of community diversity.

Photo 1. All attendees and volunteers for the seminar of bioinformatics analysis in microbial ecology

Photoes. All prints and documents have ISME logos, including our presentation slides, books and certificates. The poster for ISME 17 Symposium has been inserted in the book.