



XVI SOLANACEAE CONFERENCE

YIELD & NUTRITION

Ping Leng - Bio

Dr. Ping Leng is a professor in the fruit tree department, horticulture college, China Agricultural University. She got her PhD in Shimane University in Japan in 1995, and then she worked in China Agricultural University for 24 years. In her early periods, she carried out a series of study on the non-astringent persimmon variety and their cultivation techniques, and the deastringency and process technology of astringent persimmon. She used 'Mopanshi', which is an excellent astringent persimmon variety in China, to cross-fertilize with early-maturing Japan non-astringent persimmon varieties and obtained a number of hybrid persimmons which have both character of parents.

In 2006, she went to Okayama university in Japan as a visiting scientist for one year studied biomolecular technology. To solve the problems of short shelf life, hard storage and transportation of the postharvest fresh fruits, she used tomato (climacteric fruit) and strawberry (non-climacteric fruit) as materials to systematic study the regulation and control of fruit ripening by the phytohormone ABA and the post-harvest physiology. From five years, she works together with Dr. Joseph Hirschberg in Hebrew University of Jerusalem to study the role of core ABA signaling components in the regulation of fruit ripening and the quality characters in tomato under the shared commitment of the China-Israel cooperation projects.