附件二 農藥與環境安全國際學術研討會報告主題

Session No.	Topic	Co-chairs
I	**Global views and harmonized approaches to pesticide regulation** I-1: The advance of pesticide regulation and pesticide patents I-2: The pesticide registration and management for minor crops I-3: Global GLP management of pesticide and Mutual acceptance of data I-4: Pesticide risk assessment and mitigation I-5: Authorization and confirmation of Me-too product I-6: Global joint reviews of pesticides and harmonization of authorization	Dr.Ken Racke,USA Prof.Gu Baogen,China Dr. Noriharu Umetsu,Japan
II	**Pesticide residues in food and international trade standards** II-1: Advances in pesticide residue methodology II-2: Regulation of consumer safety in raw, processed commodities, and transgenic crops II-3: The progress of safety evaluation of chiral pesticide residue II-4: Trade standard on food quality: Harmonization from domestic to international standard II-5: Data generation research supporting registration and MRL setting	Dr.Gijs Kleter,Netherlands Prof. Zheng Yongquan,China Dr. Hiroto Tamura,Japan
III	**Environmental fate, exposure modeling and risk assessment of pesticides** III-1: Pesticide fate, exposure modeling in the air III-2: Pesticide fate, exposure modeling in water (surface water and groundwater), soil and sediment III-3: Pesticide fate, exposure modeling in the environment (algae, plantonic organisms, wild lives, etc) III-4: Assessing risks of pesticides to human being III-5: Residue analysis in the environment matrices III-6: Residue problem, remediation of pesticides in the environment	Dr. James Seiber, USA Prof. Liu Fengmao,China Dr.Arata Katayama,Japan
IV	**Pesticide quality, formulation and application techniques** IV-1: Standards and regulations on PPP application equipment IV-2: Enhancing productivity & sustainability through improved PPP application equipment and standards IV-3: Precision chemicals application techniques IV-4: Development of new equipments and application techniques IV-5: New formulation techniques	Prof. He Xiongkui,China Dr.Andrew Landers,USA Dr. Takeo Okochi,Japan

V	**New Pesticide discovery and synthesis** V-1: Natural product-based pesticides V-2: Chemistry-based pesticide discovery V-3: Target-based molecular design and pesticide discovery V-4: New crop protection solutions -- reduced risk pesticides, biopesticides, IPM etc V-5: New techniques and methodology in pesticide discovery and synthesis	Prof. Li Zhengming, China Prof.Yang Xinling,China Dr.Tadao Asami,Japan
VI	**Pesticide mode of action, metabolism, and resistance mechanisms** VI-1: Modes of action to insecticides VI-2: Mechanisms of resistance to insecticides VI-3: Modes of action to herbicides VI-4: Mechanisms of resistance to herbicides VI-5: Modes of action and resistance to fungicides VI-6: Methods of and approaches to mode of action discovery	Dr.Stephen O.Duke,USA Prof.Qiao Chuanling,China Dr.Kazuhiko Matsuda,Japan