

Wednesday, August 27

209/210

Lipid Science Division

Recent Trends in Edible Vegetable Oil Research

Chair: **Hyun Jung Kim** (Jeju National University, Korea)

D15-1 10:00-10:30
Cooking (Frying) Oil Quality Management with Measurement of the Total Polar Material (TPM)
– A Comparison of Chemical Standard Methods with a Very Rapid Physical Technique
Heinz-Dieter Isengard (University Hohenheim, Germany)

D15-2 10:30-11:00
Utilization of Healthy U.S. Commodity Oils in Frying Oil and in Margarine and Spread Products
Hong-Sik Hwang (United States Department of Agriculture, USA)

Chair: **Byung Hee Kim** (Chung-Ang University, Korea)

D15-3 11:00-11:30
How to Discriminate Natural Trans Fats (N-TFA) from Hydrogenated Trans Fats (H-TFA)
Jaeho Ha (Korea Food Research Institute, Korea)

D15-4 11:30-12:00
A New Development of Gas Chromatography-tandem Quadrupole Mass Spectrometry for the
Fast Analysis of Policosanols in Commercial Vegetable Oils
Mun Yhung Jung (Woosuk University, Korea)

D15-5 12:00-12:30
Economic Fatty Acid Production Based on Microalgal Cultivation
Yoon-E Choi (Chonbuk National University, Korea)