



# Seminar 1

## 1<sup>st</sup> Joint Seminar Agriculture (Univ. of Bonn) – Agriculture (TUAT)



### New Perspective in Agriculture : Renewal Energy ,Biomass Control and Organic Farming

Chair: Kenshi Sakai

- 14:00~ Opening Remarks Prof. Yasuhisa Kunimi (Dean, Agriculture, TUAT)
- 14:10~14:55 Florian M. W. Grundler “Biotechnology and organic farming – contradiction or future option?”
- 14:55~15:40 Brigitte Petersen “Food safety meets digital– innovative testing and communication tools in quality and crisis management of global food chains”
- 15:40~15:50 *Short Break*
- 15:50~16:20 Tadashi Hirasawa and/or Seishu Tojo “Research Project of Green Biomass for Improving Self-sufficient Local Energy”
- 16:20~16:50 Tadashi Yokoyama and/or Sonoko D. Kimura “Use of biological correlation to remove/reduce radioactive materials and establish a sustainable production system in Fukushima region”
- 16:50-17:15 Discussion



## Seminar 2

### 1<sup>st</sup> Joint Seminar between LIMES (Univ. of Bonn) and BASE (TUAT)



## Advanced Technology in Bio-science: Gene-technology, Nano-material and Biology

Chair: Chisato Miyaura

- 14:00~ Opening Remarks Prof. Tsutsumi (Dean, BASE, TUAT)
- 14:10~14:50 Michael Hoch  
“Healthy Ageing: Cross-regulation of energy homeostasis and Immunity”
- 14:50~15:15 Koki Toyota  
“A Novel Nematode Diagnostic Method with Real-time PCR”
- 15:15~15:40 Masaki Inada  
“Functional analysis of anti-cancer drug developments on the models of angiogenesis.”

15:40~15:50 *Short Break*

Chair: Hidehiro Kamiya

- 15:50~16:30 Michael Pankratz  
“Genetic control of feeding behaviour and nutrient signalling”
- 16:30~16:55 Wuled Lenggoro  
“Nanoparticle assembly by external forces for environmental applications”
- 16:55~17:20 Yuki Ueda  
“Engine and Refrigerator driven by sound wave”