**TENTATIVE PROGRAM (Tentative)**

**Summer Course on**

**Animal Science: an introduction to advanced technology and application**

**Time: From 2nd to 9th August 2021**

**Lecturers: Professors in Okayama University and Nong Lam University, HCMC**

**Partcipants:** 30-35 pax

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| **Date** | **Time** | **Place** | **Content** | **Lecturer** |
| 02/08/2021 | 8:45 - 9:00 | online | ***Welcome address*** | Prof. Le Quang ThongDean |
| 9:00 - 9:30 | ***Introduction:*** *Nong Lam Univ., Faculty of Veterinary medicine and Husbandry* |
| 9 :30 - 10 :00 | ***Introduction& Opening Remarks:*** *Okayama Univ., Graduate School of Environmental and Life Science*  | Prof. MURATA Yoshiyuki |
| 10:00 - 10:15 | Break |  |
| 10:15 - 12:00 |  Information Session of OU program and scholarship | Yu Tsuha |
| 12:00 - 13:30 |  | Break |  |
| 13:30 - 16:30 | online | ***Lecture 1:*** Animal Physiology (OU)Regulatory mechanisms of water metabolism and water channels in animals: especially for birds | Prof. SAITO Noboru |
| 03/08/2021 | 8:00-11:00 | online | ***Lecture 2:*** Animal reproduction (NLU)Postpartum anoestrus and repeat-breeding in dairy cows in Vietnam | PhD. Nguyen Kien Cuong |
|  Break |
| *Cont. and Discussion* |
| 11:00 - 13:30 | Lunch |
| 13:30 – 16:30 | ***Lecture 3****:* Developmental Biology (OU)Genetic engineering of animals  | Assoc. Prof. WAKAI Takuya |
| Break |
| *Cont. and Discussion* |
| 04/08/2021 | 8:00-11:00 | online | ***Lecture 4****:* Animal Breeding and Genetics (OU)Animal Breeding using genomic information | Assoc. Prof. IBI Takayuki： |
| Break |
| *Cont. and Discussion* |
| 11:00 - 13:30 | Lunch |  |
| 13:30 - 16:30 | ***Lecture 5****:* Animal Breeding and GeneticsPractice: Oocyte selection and dog sperm evaluation | Dr. Doan Tran Vinh KhanhPhD. Bui Thi Tra Mi |
| Break |
| *Cont. and Discussion* |
| 05/08/2021 | 8:00-11:00 | online | ***Lecture 6****:* Nutrition for Animal (OU)Nutrition and feeding of dairy cattle | Prof. NISHINO Naoki |
| Break |
| *Cont. and Discussion* |
| 11:00 - 13:30 | Break |  |
| 13:30-16:30 | ***Lecture 7:*** *Veterinary economic*Economic assessment of intervention strategies reducing antimicrobial usage at small - scale chicken production system | PhD. Truong Dinh Bao |
| Break |
| *Cont. and Discussion* |
| 06/08/2021 | 8:00 - 11:00 | online | ***Lecture 8:*** Nutrition for AnimalUse of Earthworms and Black Solider Fly Larvae as Feed for Aquatic and Animals | Prof. Duong Nguyen Khang |
| Break |  |
| *Cont. and Discussion* |  |
|  |  | Break |  |
| 07/08/202108/08/2021 |  | Field Trip  | Tay Ninh Resort Dairy (Organic Dairy farm), Tay Ninh provinceTour of CP farm, Dong Nai province | PhD. Bui Thi Tra MiDr. Nguyen Van Chanh |
| 09/08/2021 | 09:00-10:30 | online | Closing discussion, Feedback and Evaluation | Closing Remarks (OU): Prof. Tanjuro GOTOClosing Remarks (NLU):Prof. Le Quang Thong |