

Intensive Leadership Workshop

集中リーダーシップワークショップ

*Beyond Disciplinary Boundaries:
Learning Diverse Perspectives from Various Fields*
専門境界を越えて一様な分野から多様な視点を学ぶー

2015.12.26 Sat 09:00 ~ 17:15

Venue: Noyori Conference Hall, Nagoya University

Program

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| 09:00 – 09:15 | Opening Remarks
Prof. Jiro Nemoto, Nagoya University |
| 09:15 – 10:45 | Session 1 – “Soylent Green” and Interdisciplinary Collaboration
Prof. Yoshiharu Matsuura, Nagoya University |
| 11:00 – 12:30 | Session 2 – Climate Change and its Countermeasures by the Global Society
Prof. Soocheol Lee, Meijo University |
| 13:45 – 15:15 | Session 3 – Food Security: Current Status, Challenges and Opportunities for Action
Dr. Charles Mbuli Boliko, FAO Liaison Office in Japan |
| 15:30 – 17:00 | Session 4 – From Data to Intelligence and From Knowledge to Data Circulation
Prof. Kazuya Takeda, Nagoya University |
| 17:00 – 17:15 | Wrap-up
Prof. Victor Muhandiki, Nagoya University |
| 17:30 | Refreshments & Networking |

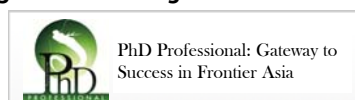
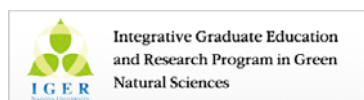
Target: Leading Program students, Nagoya University students
Language: English

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Organizer: Nagoya University Program for Leading Graduate Schools



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集中リーダーシップワークショップ

Beyond Disciplinary Boundaries: Learning Diverse Perspectives from Various Field
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■ Background and Objectives

This workshop is one of the “common courses” for the six Programs for Leading Graduate Schools (Leading Program) at Nagoya University. The Leading Program aims to nurture individuals who will play important leadership roles in the global society. To be a “good” leader, it is important to have broad knowledge in diverse fields because decision making often involves consideration of diverse viewpoints and perspectives. The aim of this workshop is to introduce some of the key issues in the global society today and to discuss how they are being addressed from the viewpoints of various disciplines. The workshop will facilitate trans-disciplinary communication among students so that they can appreciate the need to think beyond their fields of specialization when solving complex problems in society. Each of the six Leading Programs will organize one session (individually or in collaboration with another program) focusing on one key theme. All sessions will be interactive and will emphasize free discussion among students.

■ Detailed Program

09:00 – 09:15 Opening Remarks (Prof. Jiro Nemoto, Dean, Graduate School of Economics, Nagoya University)

09:15 – 10:45 Session 1 – “Soylent Green*” and Interdisciplinary Collaboration

Prof. Yoshiharu Matsuura, Graduate School of Law, Nagoya University

The focus of this talk is to consider how experts of various disciplines can work together to solve an important social issue. “Soylent Green” is a 1973 American science fiction film. A future society introduces a social system to use the human corpse as the resource of food. The talk will discuss some aspects of this issue and invite participants to suggest what they can do for this issue and consider how we can work together. Topics of the talk are:

1. A society of scarce resources: food is one of them
2. A mind-map to analyze the issue: how can we see a big picture of this issue?
3. How can law contribute to overcome this issue?
4. What is the method that will make interdisciplinary collaboration possible?
5. Class collaboration

*See its plot on YouTube or read a Wikipedia summary of the movie.

10:45 – 11:00 Break

11:00 – 12:30 Session 2 – Climate Change and its Countermeasures by the Global Society

Prof. Soocheol Lee, Faculty of Economics, Meijo University

GHG (Green House Gas) emission caused by mainly fossil fuel consumption of our society threatens not only our current life but also that of the future generation, causing climate change and natural disasters. Cooperation of the global society is essential to control climate change. In this session, we will discuss the mechanism of climate change and examine the current countermeasures being taken by the global society. Finally we will think about the way to a sustainable future by effectively controlling climate change.

12:30 – 13:45 Break

13:45 – 15:15 Session 3 – Food Security: Current Status, Challenges and Opportunities for Action

Dr. Charles Mbuli Boliko, FAO Liaison Office in Japan

Proper nutrition is a key prerequisite for human development. The achievement of internationally agreed development objectives (MDGs and SDGs) in the areas of education, health, environment and the like, is contingent upon people having access to nutritious food. Throughout the world, there are still some 795 million people who are food insecure. This has a negative impact not only on these people alone, but on the overall peace and security, and consequently, on the development of the world. Throughout this lecture, participants will learn the definition and current situation of food insecurity, its consequences, the challenges faced and possible solutions. Future leaders need to familiarize themselves with this issue on which the attainment of global development objectives depends.

15:15 – 15:30 Break

15:30 – 17:00 Session 4 – From Data to Intelligence and From Knowledge to Data Circulation

Prof. Kazuya Takeda, Graduate School of Information Science, Nagoya University

This session will discuss how computer technologies are changing the value of science. For a long time, it has been believed that data itself does not give general truth but it only shows evidence as to whether a scientific hypothesis is acceptable or not. It was thought that only humans can make a hypothesis. However, today, people are discussing about “singularity”, i.e., what data processing can do will exceed what human wisdom can do. This session will introduce why computers can behave as if they have human intelligence from two viewpoints. The first viewpoint is the generalized causality and dependency represented by data distribution. The second viewpoint is data circulation as a dynamic knowledge that can optimize highly complex systems such as the human society.

17:00 – 17:15 Wrap-up (Prof. Victor Muhandiki, Organization for the Promotion of Leading Graduate Schools, Nagoya University)

17:30 Refreshments & Networking

For more information about the six Leading Programs please visit our website

<http://www.leading.nagoya-u.ac.jp>