

# 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<br>Prof. Jiro Nemoto, Nagoya University  |
| 09:15 – 10:45 | Session 1 – “Soylent Green” and Interdisciplinary Collaboration<br>Prof. Yoshiharu Matsuura, Nagoya University         |
| 11:00 – 12:30 | Session 2 – Climate Change and its Countermeasures by the Global Society<br>Prof. Soocheol Lee, Meijo University       |
| 13:45 – 15:15 | Session 3 – TBC<br>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<br>Prof. Kazuya Takeda, Nagoya University |
| 17:00 – 17:15 | Wrap-up<br>Prof. Victor Muhandiki , Nagoya University  |
| 17:30         | Refreshments & Networking  |

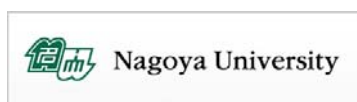
**Target: Leading Program students, Nagoya University students**  
**Language: English**

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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  
専門境界を越えて一様々な分野から多様な視点を学ぶー

### ■ 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 – Title TBC

**Dr. Charles Mbuli Boliko, FAO Liaison Office in Japan**

Contents TBC

**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>