

**TriSTAR-Hamburg-Forum for International and Interdisciplinary Networking for young researchers**  
November 27/28, 2023: <https://www.conferences.uni-hamburg.de/e/tristar/>

**Parallel workshops on November 28, 10.30 am to 12.00**

<b>1. How do we connect our small research to the big problems in the world?</b>
<b>Session Coordinator:</b> <i>Dr. Mito KOKAWA</i> , Assistant Professor, Faculty of Life and Environmental Sciences, Univ. of Tsukuba
<b>Description:</b> We are facing many serious global problems, many of which we may talk about in the "Background" part of our research presentations. However, the specific research topic that we are working on may be very far from addressing the big problems. In these cases, can we honestly say that we are attacking the big problems? This is an important question, especially when writing research grant proposals; if our small research topic doesn't really impact the big problem that we claim to be attacking, the grant we acquire would not be used for what it was intended to be. As a result, the words "climate change" "SDGs" "food security" etc. become empty words. This group aims to discuss the gap between these big problems and our specific research, and how we should think about our motivations and goals when carrying out research.
<b>Session keywords:</b> The theme is based on a common concern among young researchers
<b>Confirmed participants:</b> <ul style="list-style-type: none"> <li>• <i>QUAN Nguyen Minh</i>, Graduate Student (Master), Graduate school of Science and Technology, Life and Earth Sciences, University of Tsukuba</li> <li>• <i>Fia NOVIYANTI</i>, researcher, Food Research Institute, National Agriculture and Food Research Organization (NARO) (research: Modeling the growth and inactivation of pathogenic bacteria in food products)</li> <li>• <i>Yange DENG</i>, Postdoctoral researcher, National Institute for Environmental Studies (research: Black carbon in the Arctic)</li> <li>• <i>Yukako KATSURA</i>, Assistant Professor, Kyoto university (research: Evolutionary genetics of sex chromosomes and genome in several species.)</li> </ul>
<b>2. Healthcare technologies and strategies for society</b>
<b>Session Coordinator:</b> <i>Dr. Hironori OKUMURA</i> , Assistant Professor, Faculty of Pure and Applied Sciences, Univ. of Tsukuba
<b>Description:</b> In this session we would like to have conversations with individuals from various fields about technologies and strategies for maintaining health and vitality in an aging society.
<b>Session keywords:</b> Reactive Oxygen Species(ROS), translational research, Biotechnology, Healthcare cost, Health Foods and Medicines, Elderly care, Quality of Life, Small battery, Bio-battery, Data transmission, Urban and regional studies, medical expenses
<b>Confirmed participants:</b> <ul style="list-style-type: none"> <li>• <i>Kana EGUCHI</i>, Assistant Professor, Kyoto University (Research: Biomedical Engineering (wearable devices, bio-signal analysis))</li> <li>• <i>Hiromu MONAI</i>, Assistant Professor, Ochanomizu University (Research: Neurophysiology)</li> </ul>

<b>3. Demographic Change</b>
<b>Session Coordinator:</b> <i>Dr. Misae SASANO</i> , Lecturer, College of Humanities and Social Sciences, Ibaraki Univ.
<b>Description:</b> While there is concern about falling birthrates and aging populations in developed countries today, there is also concern about overpopulation on a global scale. Therefore, we should consider whether encouraging people in developed countries to have children is an appropriate solution to address the issue of low fertility and a rapidly aging demographic. By sharing new perspectives and solutions, we can work together to build a sustainable future.
<b>Session keywords:</b> Demographic transition and aging, Gender issues, Generation gap, Population optimization, Marriage, Family, Birth rate, Depopulation, Regional Studies, Democracy, Women's rights, Religion, Educational standard
<b>Confirmed participants:</b>

<b>4. Transfer to society</b>
<b>Session Coordinator:</b> <i>Dr. Kunio KAWANISHI</i> , Assistant Professor, Faculty of Medicine, Univ. of Tsukuba
<b>Description:</b> In the context of the start-up project, I am interested in team building, talent acquisition, and fundraising. For instance, I would like to engage in conversations with experienced researchers and support professionals in the field of venture businesses to gain insights into critical success factors such as advice from research to societal implementation, support for funding applications, motivation maintenance, and access to resources.
<b>Session keywords:</b> Venture businesses, Critical success factors, From research to societal implementation, Assistance with funding applications, Motivation maintenance, Access to resources.
<b>Confirmed participants:</b> <ul style="list-style-type: none"> <li><i>Kuniko OTOMO, Associate Professor, University of Tsukuba (research: Design for conservation for endangered plants and the botanical garden )</i></li> </ul>

Latest update: November 15, 2023