

# Realization of a society where people can live a Maemuki (forward-looking) life in the face of adversity.

## Project manager

(selected in 2021)

# YAMADA Makiko

National Institutes for Quantum  
Science and Technology, Group  
Leader



## R&D institutions

National Institutes for Quantum  
Science and Technology

## Leader's institution

Araya Inc.  
The California Institute of  
Technology  
National Cancer Center Japan  
Tamagawa University  
University of Tsukuba  
Institute of Science Tokyo  
NTT Communication Science  
Laboratories  
Hokkaido University  
Kyoto University  
National Institutes for Quantum  
Science and Technology  
Leibniz Institute for Resilience  
Research (LIR)

## Summary of the project

This project aims to realize a society in which people can live a Maemuki (forward-looking) life even in the midst of adversity. To this end, we will clarify the diverse and multifaceted components of "positivity," calculate positivity indices by measuring physical posture and brain/physiological reactions, and establish technologies to assist, train, and educate people on positivity factors tailored to their individual situations through positivity support technologies.



## Milestone by 2032

Establish Maemuki (forward-looking) estimation technology based on unobservable measurements, and establish forward-looking assist technology, training technology, and support infrastructure.

## Milestone by 2027

Establish a method for estimating mental "positivity" from physical information and clarify context-appropriate positivity factors and their degree.

## Project structure

### Item 1: Extraction and Measurement of Indicators



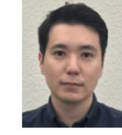
QST  
Yamada



NTT  
Kashino



Caltech  
Shimojo



Araya  
Hamada

### Item 2: Assistance and Training Technology



QST  
Hirao



QST  
Minamimoto



U Tsukuba  
Sado



Kyoto U  
Inoue

### Item 3: ELSI and social applications



Hokkaido U  
Taguchi



NCC  
Fujimori



Tamagawa U  
Matsuda



Science Tokyo  
Takahashi

### Item 4: Overcoming adversity



LIR  
Wessa