



# AIST-INDIA DAILAB PIKNIKH SERIES 47

(Platform for Innovating Knowledge to International KnowHow)

## National Science Day

Supported by Indian Scientists Association in Japan (ISAJ)

28th February 2023

Venue - Embassy of India Auditorium, Tokyo

Time - 14:30 to 16:30 h

### PROGRAM

#### Inaugural Session

14:30	Video Message from Ambassador, H.E. Mr. Sibi George
14:35	Opening Address by Dr. Sunil Kaul, Chairman, ISAJ
14:40	ISRO video

#### Technical Session

14:50	Human cell culture: An experimental model for understanding biology and drug development <b>Dr. Renu Wadhwa</b> , AIST-INDIA DAILAB National Institute of Advanced Industrial Science & Technology (AIST)
15:05	Physiologically relevant cell culture system and drug development <b>Dr. Shinji Sugiura</b> , AIST-INDIA DAILAB (AIST)
15:15	Cell mechanics: biology and drug development <b>Dr. Ayane Yamagishi</b> , AIST-INDIA DAILAB (AIST)
15:25	Cell culture system for stress biology and intervention <b>Huayue Zhang</b> , University of Tsukuba
15:30	Predicting climate extremes: The revolution of digital twins to unlock sustainable developments <b>Dr. Swadhin Behera</b> Japan Agency For Marine-Earth Science and Technology (JAMSTEC)
15:45	How can we generate emotional music? <b>Megha Sharma</b> , The University of Tokyo
15:55	AI-driven road inspection <b>Dr. Deeksha Arya</b> , The University of Tokyo
16:05	Science: Books Vs Life <b>Rahul Garg</b> , Sumitomo Mitsui Construction Co.

#### Science Exhibition

Chair - Dr. Alok Singh, National Institute of Materials Science (NIMS)

16:10	India International School in Japan (IISJ)
	Global Indian International School (GIIS)
16:40	Concluding Remarks and Refreshment

**\*Research talks to high-school students, science quiz and interaction at science exhibition by students\***

