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# The Irago Conference 2018

Interdisciplinary Research And Global Outlook

"360 degree outlook on critical scientific and technological challenges for a sustainable society"

November 1, 2018

Washington Hotel, Shinjuku

Organizers: The University of Electro-Communications, Tokyo, Toyohashi University of Technology, Tokai University

## Tomorrow's World @ 2050

In partnership with Springer Nature

### Core areas covered by the invited speakers in this year's conference:

remote sensing; artificial intelligence; regenerative medicine; deep ocean exploration; nanomedicine in Europe; imaging single proteins with AFM; trends in Internet of Things (IoT); herbal solutions for aging population; autonomous connected vehicles; industrial applications of microbes.

**Abstract submission and registration starts on: Tuesday 1<sup>st</sup> August 2018**

**Deadline of Abstract submission: Friday 31 August 2018**

**Publication:** Refereed papers will be Published in American institute of Physics (AIP) Conference Proceedings

### Invited speakers (tentative):

**Antoine Bocquet** (Springer Nature, Japan) "Advancing Discovery at Springer Nature"

**Tom George** (SaraniaSat Inc., USA) "Remote Sensing: A Combined Big Data and IoT Tool for Precision Agriculture"

**Takenori Hara** (Dai Nippon Printing Co. Ltd., Japan) "AI and Digital Contents Creation"

**Yasujiro Kiyota** (Nikon Corp., Japan) "Great future in Regenerative medicine"

**Takashi Murashima** (Japan Agency for Marine-earth Science and Technology, Japan) "Challenge to the Deep Ocean"

**Daniel Ortega** (IMDEA Nanociencia, Spain) "Whither nanomedicine in Europe? A sneak preview"

**Jagan Shah** (National Institute of Urban Affairs, India) "Urban India 2050: e-Governance, Smart Cities and Butterfly Effects"

**Mikihiro Shibata** (Kanazawa University, Japan) "Filming single proteins at work using high-speed AFM"

**Susumu Takeuchi** (NTT, Japan) "Current trends and future visions in Internet of Things"

**Renu Wadhwa** (National Institute of Advanced Industrial Science & Technology, Japan) "Increase in Aging Population and Age-related Pathologies: Herbal Solutions (focus on Ashwagandha)"

**Naoaki Yamanaka** (Keio University, Japan) "Smart and connected community network creates new autonomous vehicle services with big-data science"

**Yasunori Yonejima** (Nitto Pharmaceutical Industries, Ltd., Japan) "Industrial application of a Gut Microbial Linoleic Acid Metabolite; 10-hydroxy-cis-12-octadecenoic acid (HYA)"

**Enquires:** E-mail: [secretariat@iragoconference.jp](mailto:secretariat@iragoconference.jp)

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## The Irago Conference:

The world is at a major turning point. Recent changes in global economics and industrial priorities, environmental and energy policies, food production and population movements have produced formidable challenges that must be addressed for sustaining life on earth.

The objective of this conference is to provide an 'interdisciplinary-platform' to enhance mutual understanding between scientists, engineers, policy makers, and experts from a wide spectrum of pure and applied sciences in order to resolve the daunting global issues facing mankind. In particular, the organizers would like to encourage graduate school students to participate and talk directly with internationally renowned academics, industrialists, and opinion leaders for a firsthand view of the major issues facing scientists and engineers of the 21st century.



Conference photo of the Irago Conference 2017 in Chofu, Tokyo

## Invited Speakers :



**Antoine Bocquet**  
(Springer Nature, Japan)  
"Advancing Discovery at Springer Nature"



**Tom George**  
(SaraniaSat Inc, USA)  
"Remote Sensing:  
A Combined Big Data and IoT Tool for Precision Agriculture"



**Takenori Hara**  
(Dai Nippon Printing Co. Ltd., Japan)  
"AI and Digital Contents Creation"



**Yasujiro Kiyota**  
(Nikon Corp., Japan)  
"Great future in Regenerative medicine"



**Takashi Murashima**  
(Japan Agency for Marine-earth Science and Technology, Japan)  
"Challenge to the Deep Ocean"



**Daniel Ortega**  
(IMDEA Nanociencia, Spain)  
"Whither nanomedicine in Europe? A sneak preview"



**Jagan Shah**  
(National Institute of Urban Affairs, India)  
" Urban India 2050:  
e-Governance, Smart Cities and Butterfly Effects "



**Mikihiro Shibata**  
(Kanazawa University, Japan)  
" Filming single proteins at work using high-speed atomic force microscopy "



**Susumu Takeuchi**  
(NTT, Japan)  
"Current trends and future visions in Internet of Things"



**Renu Wadhwa**  
(National Institute of Advanced Industrial Science & Technology, Japan)  
" Increase in Aging Population and Age-related Pathologies: Herbal Solutions (focus on Ashwagandha) "



**Naoaki Yamanaka**  
(Keio University, Japan)  
"Smart and connected community network creates new autonomous vehicle services with big-data science"



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(Nitto Pharmaceutical Industries, Ltd., Japan)  
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## Evening Session (including banquet) on 1st November 2018 participation fee:

2,000 JPY (students)/ 4,000 JPY (others)

## Registration fee:

(Early-bird registration by 11 October 2018)  
3,000JPY (students) / 20,000JPY (others)  
(After 11 October 2018)  
7,000JPY (students) / 25,000JPY (others)

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## Venue

Washington Hotel Shinjuku ,  
2-9, Nishishinjuku, 3chome, Shinjuku-ku, Tokyo, Japan



Washington Hotel Shinjuku ,Tokyo

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