

DAILAB PIKNIKH SERIES XXXVIII-XXXXII

(P_LATFORM FOR I_NNOVATING **KN**OWLEDGE TO I_NTERNATIONAL **K**NOW**H**OW)

INDO-JAPAN SAKURA SCIENCE CAFÉ “SUNRISE in CLOUDS”



SU_{st}aining N_{et}working for R_{es}earch I_nnovation in S_{ci}ence & E_{ng}ineering

In
Corona Lockdown Days

August 23-27, 2021

Venue: CLOUDS via ZOOM



INDO-JAPAN SAKURA SCIENCE CAFÉ (SUNRISE in CLOUDS)

(2021-08-23 to 27)

Coordinators - R. WADHWA, S. KAUL and C. NAKAMURA

23-Aug

Time (JST)	Speaker	Affiliation	Title
15:00-15:05	Dr. Renu WADHWA	AIST, Japan	Opening - Introduction of AIST and DAILAB
15:05-15:10	Prof. Durai SUNDAR	IIT-Delhi, India	DAICENTER - Vision and mission (India Perspective)
15:10-15:15	Dr. Yoshiro OHMIYA	AIST, Japan	DAICENTER - Vision and mission (Japan Perspective)
15:15-15:25	Dr. Usha DIXIT	Counsellor (S&T), Embassy of India, Tokyo	INDO-JAPAN S&T Partnership - Where we are and what next?
15:25-15:30	Dr. Chikasi NAKAMURA	AIST, Japan	Introduction of the Society of Biotechnology (Japan) and Speakers
15:30-16:30	Prof. Masahiro TAKAGI	AIST, Japan	Membrane dynamics and cell signal transduction
16:30-17:30	Prof. Katsutoshi HORI	Nagoya University, Japan	Biocontrol for waste treatment using powerful fats and oils-degrading microorganisms
17:30-18:30	Prof. Tomoko YOSHINO	Tokyo Univ. Agric. & Technol., Japan	Microfluidic platform for single cell genetic analysis of rare cells
18:30-19:00	Q&A Discussion Forum/Young researchers comments or networking presentations (IIT-D; Prof. Durai SUNDAR - Brief introduction of IIT-Delhi and research work in Sundar Lab)		

24-Aug

Time (JST)	Speaker	Affiliation	Title
15:30-16:30	Prof. Tamotsu ZAKO	Ehime University, Japan	Molecular detection using functionalized gold nanoparticles
16:30-17:30	Prof. Yutaka TAMARU	Mie University, Japan	Biotechnology for biorefinery
17:30-18:30	Prof. Noriho KAMIYA	Kyushu University, Japan	Design of bioconjugates that function at biointerface
18:30-19:00	Q&A Discussion Forum/Young researchers comments or networking presentations (IIT-D; Dr. Jaspreet DHANJAL - Brief introduction of IIT-Delhi and research work in Dhanjal Lab)		

25-Aug

Time (JST)	Speaker	Affiliation	Title
15:30-16:30	Prof. Hirohiko Niioka	Osaka University Japan	Improvement of optical biomedical imaging: Performance with deep learning
16:30-17:30	Prof. Mitsuo UMETSU	Tohoku University, Japan	Protein engineering based on molecular evolution
17:30-18:30	Prof. Hiroyuki TAKEI	Toyo University, Japan	Surface-enhanced raman spectroscopy applied to life sciences
18:30-19:00	Q&A Discussion Forum/young researchers viewpoint or networking presentation (Sikkim University; Prof. Jyoti TAMANG - Brief introduction of Sikkim University and research work in Tamang Lab)		

26-Aug

Time (JST)	Speaker	Affiliation	Title
15:30-16:30	Prof. D. Sakthi KUMAR	Toyo University, Japan	Nanomaterials for bioimaging and theragnostic applications.
16:30-17:30	Prof. Alok SINGH	NIMS, Japan	Exotic structures and microstructures in metallic alloys
17:30-18:30	Dr. Hemanth NOOTHALAPATI	Shimane University, Japan	Raman microspectroscopy: From label-free single cell imaging to disease diagnostics
18:30-19:00	Q&A Discussion Forum/Students viewpoint. Brief introduction of Manipal University - Prof. K. Satyamoorthy and student opinion on participation in DAILAB activities.		

27-Aug

Time (JST)	Speaker	Affiliation	Title
15:30-16:30	Prof. Ken-ichiro TODOROKI	University of Shizuoka, Japan	Bioanalytical methods for therapeutic monoclonal antibodies
16:30-17:30	Prof. Tetsuro ISHII	University of Tsukuba, Japan	Glutathione and the development of redox biology in Tsukuba
17:30-18:30	Prof. Satoshi FUJITA	AIST, Japan	Advanced cellular analytical technologies through fusion of photonics and nanodevices
18:30-19:00	Q&A Discussion Forum/Young researchers comments or presentations - Prof. Ajai K.B. KUNNUMAKKARA - Brief introduction of IIT-Guwahati and research work in Ajai Lab, and Concluding Remarks by Dr. Shanuja BERI, Kalindi College-University of Delhi.		

Entries -119
Participants - 176
DAY - 1 Participants

- Renu WADHWA (Host, me)
- Vipul Kumar
- Abprez Th Kinshing (RGU)
- Anchu Viswan (AIST)
- ANISSA NOFIDA SARI (AIST)
- Ashish KAUL (AIST)
- Arihush (GNDU, Amritsar)
- Ayana Yamagishi
- Charles Angel Varghese
- Chikashi Nakamura (AIST)
- Debalina Chatterjee (DU)
- Jia WANG (AIST)
- JISHNU PV
- John Placheril
- Jyoti Prakash Tamang
- K.K. Mahato, Manipal School of L...
- K.P. Gunuprasad, Manipal School...
- Kamalesh_MSL_S,MAHE,Manipal...
- Kaneez Fatima
- Katsutoshi Hori (Nagoya Univ.)
- Keshav
- Keshav
- Kishore Banik
- Mallikarjun
- Tomoko Yoshino (TUAT)
- Uzini Devi
- Vishnavi K
- YOGESH KALAKOTI
- Yuko FUKAYA(AIST)
- 李天雅
- Anirali HT Guwahati
- Keshav
- Nadia Rashid CSIR IM
- Navya Prabhu
- Pradyumna Jayaram
- Sasmita Grisa
- TALLO YAKU (DBT-CBRSD)

- sanjiban chakrabarty
- Manoj
- DV Dhvani Vora
- Satejit Dey Pereira - MSLs MAHE
- Masahiro TAKAGI (JAIST)
- Diksha Limbu
- Shahid CSIR IIM
- Masroor Ahmad
- DS Saadi Abdul Vahab, MSLs, Ma...
- sharath
- MD Mayuri Das(Sikkim University)
- DR. Shanuja Beri
- SharmilaGlogi
- NT Namrata Tamang
- Dunyak Ato(DBT-CBRSD)
- SHEFRIN
- NN Ngurang Nisha (DBT-CBRSD)
- Elna Khatoon
- Sonali
- Nirmal Mazumder (MSLS, MAHE,...)
- Fayez Malik CSIR-IIM
- Sonam Lama (Sikkim University)
- Ganesh poojary
- SD Souvik Das (SIKKIM UNIVERSITY)
- P. Khamafor Sikkim University
- Gegam Jini (RGU)
- SP Sowmya Prabhu
- PK Panikaj Kumar (RGU)
- GU Gopi Rime(RGU)
- Sundar (IIT Delhi)
- P Poonam
- SK Sunil Kaul (AIST)
- Priyabada Pariyar(Sikkim Univer...
- SC Swasthik Clarancia
- Raviprasad K.V
- TJ Taba Jai (DBT CBRSD)
- RK Rekha K N (MAHE-MSLS)
- TS Yenzin Samphel Sermu (DBT CBI)
- ST Sachin Thorat
- TY Tomoko Yoshino (TUAT)
- SK Sanjeeb Kalita (DBT-CBRSD)
- H Nakibapher Jones Shangskang...
- HZ Huayue Zhang (AIST)
- INDIA
- JK Jaspreet Kaur Dhanjal (IITD)

Entries -78
Participants - 135

DAY - 2 Participants

Jaspreet Kaur Dhanjal (IIITD)	Mallika Khurana (AIST, Japan)	Sunil KAUL (AIST)	Jyoti Prakash Tamang (Sik...)	Vipul Kumar (IIT Delhi)	Sowmya Prabhu Sowmya Prabhu	JISHNU PV (MS... JISHNU PV (MSLS, India)	Hannah Christina Hannah Christina		
Tamotsu Zako (Ehime)	Ashish KAUL	Yutaka TAMARU (Mie Uni...)	Noriho Kamiya (Kyushu U...)	Harsha Choudhary	Pradyumna J (... Pradyumna J (MSLS, Manipal)	Diksha Limbu Diksha Limbu	Mayouri Das(Si... Mayouri Das(Sikkim Univ...		
Chikashi NAKAMURA (AI...)	Pankaj Kumar (RGU)	Hazna Noor Meidinna (AI...)	Ajaikumar Kunnumakkara	Huayue Zhang (AIST, JAP...)	Manoj Manoj	SharmilaGiogi SharmilaGiogi	MAHE MAHE		
Akanksha Bakshi	Meera Bhutia (Sikkim Uni...)	Yuko Fukaya(AIST)	Renu WADHWA	Jia WANG (AIST, Japan)	P. Kharnaor Sik... P. Kharnaor Sikkim Unive...	Souvik Das (SIK... Souvik Das (SIKKIM UNIV...)	Dr Shanuja Beri... Dr Shanuja Beri Universit...		
Swathik Clarancia Swathik Clarancia	Priyambada Par...	Satyajit Dey Per...	Tenzin Samphel...	Swathik Clarancia	Navya Prabhu Navya Prabhu	Pradyumna J (... Pradyumna J (MSLS, Manipal)	Diksha Limbu Diksha Limbu	Mayouri Das(Si... Mayouri Das(Sikkim Univ...	Satyajit Dey Per.. Satyajit Dey Pereira - MS...
Chalos Angel Varghese	Priyambada Pariyar(Sikki...)	Satyajit Dey Pereira - MS...	Tenzin Samphel Sermu	Swathik Clarancia	Jatinder Kaur (... Jatinder Kaur (GNDU)	Manoj Manoj	SharmilaGiogi SharmilaGiogi	MAHE MAHE	Tenzin Samphel.. Tenzin Samphel Sermu
shefrin@IITD	KISHORE BANIK	Anisa SARI (AIST, Japan)	Priyambada Par...	Soram Lema (Sikkim Unive...)	Swathik Clarancia Swathik Clarancia	P. Kharnaor Sik... P. Kharnaor Sikkim Unive...	Souvik Das (SIK... Souvik Das (SIKKIM UNIV...)	Dr Shanuja Beri... Dr Shanuja Beri Universit...	Priyambada Par.. Priyambada Pariyar(Sikki...)
shefrin@IITD	KISHORE BANIK	Anisa SARI (AIST, Japan)	Priyambada Par...	Soram Lema (Sikkim Unive...)	Uzini Devi Uzini Devi	Rekha K N (msl... Rekha K N (msl-mahe)	Harsha K C Harsha K C	Elina Khatoon (I.. Elina Khatoon (IT Guwahati)	

Entries 54
Participants - 104

DAY - 3 Participants



- Renu WADHWA (Host, me) [mute] [video]
- HN Hirohiko Niioka (Osak... [mute] [video]
- Chikahi NAKAM... (Co-host) [mute] [video]
- SK Sunil KAUL (Co-host) [mute] [video]
- Yuko Fukaya (AI... (Co-host) [mute] [video]
- AV Anchu Viswan [mute] [video]
- Anjana@ IIT Guwahati [mute] [video]
- AK Ashish KAUL (AIST, Japan) [mute] [video]
- AY Ayana Y... [mute] [video] [Ask to Unmute] [More]
- DC Debalina Chatterjee (DU) [mute] [video]
- D Dechen (GNDU) [mute] [video]
- DS Divya S Kulala (MSLS, MA... [mute] [video]
- d Dongyang Li [mute] [video]
- DS Dr. Shanuja Beri University... [mute] [video]
- EK Elna Khatoon @ IIT Guwa... [mute] [video]
- FM Fayaz Malik_CSIR-IISM [mute] [video]
- HN H Nakibapher Jones Shan... [mute] [video]
- HC Harsha Choudhary @IIT G... [mute] [video]
- HK Harsha K C [mute] [video]
- HZ Huayue Zhang (AIST, JAP... [mute] [video]
- JW Jia Wang (AIST, Japan) [mute] [video]
- JP Jyoti Prakash Tamang [mute] [video]
- Mallika Khurana [mute] [video]
- M Mallikarjun [mute] [video]

- SP Sowmya Prabhu [mute] [video]
- UD Uzini Devi [mute] [video]
- 内 内田幸希 [mute] [video]
- NP Navya Prabhu [mute] [video]
- M Mangala [mute] [video]
- MT Manju Thomas (MSLS, Ma... [mute] [video]
- MA Masroor Ahmad [mute] [video]
- MD Mayouri Das(Sikkim Univ... [mute] [video]
- MB Meera Bhutia (Sikkim Univ... [mute] [video]
- MU Mitsuo Umetsu [mute] [video]
- NR Nadia Rashid CSIR IISM [mute] [video]
- MT Masahiro TAKAGI (JAIST) [mute] [video]
- NT Namrata Tamang [mute] [video]
- P Panchsheela [mute] [video]
- PK Pankaj Kumar (RGU) [mute] [video]
- PP Priyambada Pariyar(Sikki... [mute] [video]
- PK Pynhunlang Kharnaio... [mute] [video]
- M Manasa@MSLS [mute] [video]
- RK Rekha K N (msls-mahe) [mute] [video]
- SC Shahid CSIR IISM [mute] [video]
- SG Sosmitha Girisa, IIT Guwa... [mute] [video]
- SD Souvik Das (Sikkim Univer... [mute] [video]
- SD Souvik Das (SIKKIM UNIVERSI... [mute] [video]
- HN H Nakibapher Jones Shan... [mute] [video]
- HC Harsha Choudhary @IIT G... [mute] [video]
- HK Harsha K C [mute] [video]
- HN Hazna Noor Meidinna (AIS... [mute] [video]
- HN Hazna Noor Meidinna (AIS... [mute] [video]
- HT Hiroyuki Takei (Toyo Unive... [mute] [video]

Entries 54
Participants - 104
DAY - 3 Participants

Entries 80
Participants - 133

DAY - 4 Participants

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|--|-------------------------------|--|--|
| | Jaspreet Kaur Dhanjal (IIITD) | | |
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DAY - 5 Participants

Entries 46
Participants - 113

- Renu WADHWA (Host)
- KT Kenichiro Todoroki
- CN Chikashi NAKAM... (Co)
- SK Sunil Kaul (Co-host)
- TT TOMITA Tatsuno... (Co)
- AK Ajaikumar Kunnumakka
- AV Anchu Viswan AIST
- Anissa Nofita Sari (AIST)
- Anjana@ IIT Guwahati
- AK Ashish KAUL
- AY Ayana Yamagishi
- DL Dongyang Li
- HN H Nakibapher Jones Sb
- HC Harsha Choudhary@iit
- HN Hazna Noor Meidinna
- HZ Huayue Zhang (AIST, J)
- HK Hyonchol Kim
- SP Sowmya Prabhu
- TI Tetsuro Ishii
- UD Uzini Devi
- VK Vaishnavi K (MSLS, M)
- Yuko Fukaya (AIST)
- JA Jagruti ASHER
- Jaspreet Kaur Dhanja
- JW Jia Wang
- JP Jyoti Prakash Tamang
- KY Keiko Yamada (AIST)
- KB KISHORE BANKI
- Mallika Khurana (AIST)
- M Manasa@MSLS
- M Mangala@IITG
- MD Mayouri Das (Sikkim I
- MB Meera Bhutia (Sikkim
- PK Pankaj Kumar (RGU)
- PD Parama Dey
- PP Priyambada Pariyar(S
- SK Senthil Kumar Nachir
- SG Sosmitha Girisa, IIT G



General Remarks

- Excellent spectrum of tasks showcasing the recent technologies in biosci & bioeng.
- Excellent selection of speakers.
- Educational for graduate students and research scholars, and inspirational for them to go to Japan for higher studies.
- Presentation technique of Japanese speakers and their time-keeping was highly appraised.
- Organization of the tasks was excellent for the level of student's and researcher's understanding.
- Every talk highlighted some application and innovation- some thing to learn from Japanese scientists!
- Introduction of the institutions was very useful for future networking and exchange.
- Introduction of the Indian institutions and research contents/outcomes in Interactive QA sessions was very good idea and extremely useful.
- Expected to be most productive in terms of education as well as future networking.