



CENTRAL UNIVERSITY OF KERALA
BEST PRACTICES – DISTINGUISHED LECTURE SERIES



Best Practice 2: Distinguished Lecture Series, CUK

Title of the practice:

Distinguished Lecture Series

Objectives of the practice:

As a higher educational institution dedicated for research development and innovation, CUK is committed to coordinate activities that illuminate and motivate the student, research and faculty fraternity.

Bringing Nobel laureates and other eminent scholars (through online or offline mode) for lecture and possible interaction with the students can motivate the younger minds for taking up a research career in future. It will also be highly appreciated by the research and faculty fraternity as it can provide updated information on the cutting-edge research and developments that are happening around the world.

The Content:

The inaugural lecture of the Distinguished Lecture Series was by **Prof. Edvard Moser (2014 Nobel Prize in Medicine or Physiology)**, Director of the Centre for the Biology of Memory, Kavli Institute, Norway on 23rd February 2021 on the topic: “How does the brain deal with space?”. The programme was organised in collaboration with Kerala University of Health Sciences and the talk was well appreciated by the students and faculty members of both CUK and KUHS. A total of 367 students attended the programme and the speaker offered support for all future collaborative research proposals in this direction.

Second distinguished lecture was by **Prof. Ramamurthy Ramesh (Nominated for Nobel in Physics 2014)**, Purnendu Chatterjee Chair, Department of Physics & Department of Materials Science and Engineering, Materials Sciences Division, Lawrence Berkeley National Laboratory, University of California, Berkeley on 10th May, 2021 and the topic was “Magnetic control of ferroelectricity”. 165 participants attended the programme. Prof. Ramesh offered active collaboration with the Department of Physics and Chemistry of CUK including discussions on exchange programmes of students and faculty members of CUK.

The **third** distinguished lecture will be delivered today (19 July 2021) by **Prof. Martin Lee Chalfie (2008 Nobel Prize in Chemistry)**, Professor, Columbia University, USA on the topic “The continuing need for useless knowledge”. The speaker is a biologist who introduced “Green Fluorescent Protein” which has drastically revolutionized the field.

Three other Nobel lectures are already scheduled for this year in addition to the proposed distinguished lectures by speakers of international eminence.

Lecture 4

Prof. David Wineland (2012 Nobel Prize in Physics)

Philip H. Knight Distinguished Research Chair, Research Professor, Department of Physics, University of Oregon, USA

Topic: Atomic Clocks

Date & Time: Not announced, proposed for the Last week of September

Lecture 5

Prof. Harald zur Hausen (2008 Nobel Laureate in Physiology or Medicine)

Virologist and Emeritus Professor at the German Cancer Research Center, Berlin, Germany.

Topic: human papillomavirus (HPV) 16 and HPV 18 and their role in Cervical cancer

Date & Time: Not announced, proposed for the Last week of October

Lecture 6

Prof. Konstantin Novoselov (2010 Nobel Prize in Physics)

Langworthy Professor in the School of Physics and Astronomy University of Manchester, UK

Date & Time: Not announced, proposed for the second week of November

4. The practice:

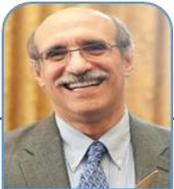
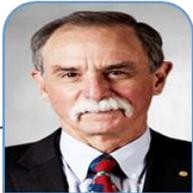
CUK’s Distinguished Lecture Series committee is constituted to arrange lectures in all the subject categories by internationally and nationally eminent scholars in addition to the Nobel lectures (around 6-10 lectures are planned by the Nobel laureates this year).

Due to the pandemic situation prevailing in the country as well as across the globe, the distinguished lectures are all planned in ONLINE mode this year. Once the situation improves,

visits of Nobel laureates physically into the campus will be planned which can open up research collaboration and student/faculty exchange programmes which can eventually lift the research outlook and over all academic standards of the University to the international level.

5. Evidence of Success:

The live lectures conducted had participants more than 200 to 300. There were active interactions between the speakers and faculty members'/research students of CUK. The lectures opened up collaboration platform for the researchers and faculty members of CUK.

23/02/2021		Prof. Edvard Moser Kavli Institute, Norway Nobel Prize in Medicine or Physiology (2014)
10/05/2021		Prof. Ramamurthy Ramesh UC Berkley, USA Nominated for Nobel in Physics (2014)
19/07/2021		Prof. Martin Lee Chalfie Columbia University, USA Nobel Prize in Chemistry (2008)
02/03/2022		Prof. David Wineland <i>University of Oregon, USA</i> Nobel Prize in Physics (2012)
25/07/2022		Dr. Suchand Sandeep NTU Singapore Distinguished Researcher- Non-Linear Optics



DISTINGUISHED LECTURE SERIES - 3



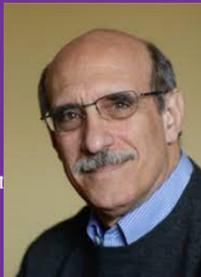
*"Continuing Need for needless
knowledge"*

16th July, 2021 (Friday) @ 5.30 PM (IST)

SPEAKER:

Prof. Martin Chalfie
(Nobel Laureate-Chemistry 2008)

University Professor and Former Chair
of the Department of Biological
Sciences at Columbia University



<https://zoom.us/j/99488760418?pwd=c3o3aIZ3aTg1ZE1DSVUyUUVOTFc0UT09>



Central University of Kerala

DISTINGUISHED LECTURE SERIES – 4 Foundation Day Lecture

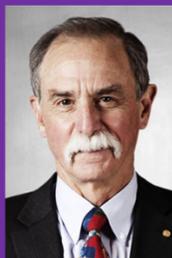
"Atomic Clocks"

2nd March 2022, 8.30 am. To 9.30 a.m. (IST)

SPEAKER:

Prof. David J Wineland

Philip H Knight Distinguished Chair Professor
University of Colorado
USA.



Meeting Link : <https://zoom.us/meeting/register/tJUud-ChqiosGNF1Qzwk0barT-JY78jGjBnb>



Central University of Kerala

DISTINGUISHED LECTURE SERIES – 5

*“Carrier Multiplication for efficient
Solar Cells”*

25th July 2022, 3.30 pm. To 4.30 p.m. (IST)

SPEAKER:

Dr. Suchand Sandeep

Centre for Optical and Laser Engineering
Nanyang Technological University
Singapore



Venue : Seminar Hall, Sabarmathi Building,
CUK.