

[Scdt] SCDT-FlexE Centre Weekly Tuesday Seminar Today-11.05.2021 at 7:30 PM

1 message

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Tue, May 11, 2021 at 1:55 PM

Zoom Meeting for joining the webinar:

<https://zoom.us/j/99863678964?pwd=ZVJvdFN5T1UyQjdZbmXwS0htRUJOUT09>

Meeting ID: 998 6367 8964

Passcode: 064022

Dear Colleagues,

Dr. Hidayath Ulla from the OLED team has kindly volunteered to give an SCDT-FlexE Centre Weekly Seminar today. The details of the seminar (to be given in webinar format) are given below:

Title: "Approaches for High Efficiency Organic Light-Emitting Diodes"

Date: 11th May, 2021 (Tuesday, Today)

Time: 7:30 PM to 8:30 PM

Presentation will be on zoom. The link is given above.

The talk abstract and a brief bio of the speaker are given below. Please join if you are in a position to do so.

With regards
S.K.I.

Abstract of talk

Efficiency is crucial for OLEDs to be energy-saving and to have a long lifetime for display and solid-state lighting applications. Numerous approaches have been proposed to attain high-efficiency OLEDs by synthesizing novel organic materials, designing light extraction structures, and designing efficiency-effective device architectures. In this talk, we will see the various approaches concerning material selection and available efficiency-effective device architectural approaches. Therefore, it is hoped that better device structures can be devised upon suitable device engineering to achieve higher efficiency for OLED devices.

Bio of speaker

Dr. Hidayath Ulla completed his Masters in Materials Science from Mangalore University. He earned his PhD from the Department of Physics, NIT Surathkal, in the field of OLEDs. Later joined IIT Guwahati as a National Post-Doctoral Fellow to execute his project on Discotic Liquid Crystals for OLED Applications. Presently he is working as a Project-Scientist in the OLED group at NCFlexE and involved in developing solution-processed OLEDs. He has also published several peer-reviewed articles on OLEDs, bio-OLEDs, discotic liquid crystals, and electrical properties of organic semiconductors.

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