

## [Scdt] SCDT-FlexE Centre Weekly Tuesday Seminar-02.11.2021 at 7:30 PM



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Zoom Meeting for joining the webinar:

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

Meeting ID: 998 6367 8964

Passcode: 064022

Dear Colleagues,

I would welcome you to attend the SCDT-FlexE Centre Weekly Tuesday Seminar by Mr. Krishnamanohara from the OLED group. The details of the seminar (to be given in webinar format) are given below.

Title: "Towards low cost OLED manufacturing of Printable OLEDs"

Date: 2nd November, 2021 (Tuesday)

Time: 7:30 PM to 8:30 PM

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

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

With regards

S.K.I.

Abstract of talk by Mr. Krishnamanohara:

Commercial OLEDs have been mainly manufactured using vacuum based processes, which involve high machine cost and it takes large investment to establish these OLED manufacturing facilities. If we look into the Indian context which is a hub of printing and packaging, it is important to transfer these OLED manufacturing processes to these printing techniques to tap into the printing capability of India. By doing this we could manufacture low cost OLEDs here in India with minimum investment on equipment. In this talk, we will look into solution processed OLEDs, especially towards the printing of these OLEDs using commercial printing techniques like screen printing, slot die coating to produce fully printable OLEDs for different low lifetime applications.

About the Speaker:

Mr. Krishnamanohara completed his BSc from St. Aloysius college, Mangalore. He completed his MSc in Physics from National Institute of Technology Karnataka, Surathkal. He worked on Transport properties of Organic layers During his Masters Projects. Mr. Krishnamanohara is currently a Project Scientist at the National Centre for Flexible Electronics, IIT Kanpur as part of the OLED team. His focus of work is on solution processed printable OLEDs.

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