

[Scdt] SCDT-FlexE Centre Weekly Tuesday Seminar - 26.04.202



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Zoom Meeting for joining the webinar:

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

Meeting ID: 998 6367 8964

Passcode: 064022

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Dear Colleagues,

Prof. Mangal Kothari of the Department of Aerospace Engineering and the current coordinator of the Center for Mechatronics will give a talk on Autonomous Control of Unmanned Systems for our next weekly Tuesday SCDT-FlexE Seminar. It will be useful to understand the type of sensors, energy and other devices needed for building and operating such systems - and the possibility of flexible electronics to facilitate in that. Please join if you are interested.

With regards

S.K.I.

~~~~~ Details of the Seminar ~~~~~

Weekly Seminar Title:

Title: "Autonomous Control of Unmanned Systems"

Date: 26th April, 2022

Time: 7:30 PM to 8:30 PM

Zoom link details for the event is given above

Abstract of talk:

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In this talk, I would discuss autonomous control of several unmanned systems. At first, the dynamics and control strategies are discussed. Next, the hardware and software architectures are presented. Finally, the autonomous capability would be demonstrated.

Bio:

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Dr. Mangal Kothari is Associate Professor in the Department of Aerospace Engineering at IIT Kanpur. He is also currently the coordinator of the Center for Mechatronics at our institute. His research focuses on autonomous navigation and robotics.

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