

About the Expert Lecture

Dr. Hafsa Hamidane is currently a member of Modelling, Materials and Control of Systems team at Laboratory of Electronics Automatics and Biotechnology , *Faculty of Sciences, Moulay Ismail University, Meknes, Morocco*. Her research studies are focused on constrained systems control, pole placement and stability analysis.

Highlights of lecture

- A constrained discrete model predictive control (CDMPC) strategy for a greenhouse inside temperature will be discussed.
- To describe the dynamics of the system's inside temperature, an experimental greenhouse prototype is engaged.
- System dynamics identification using the subspace system identification (N4sid) algorithm will be discussed.



Expert Lecture on Constrained Greenhouse System Control and Climatic Parameter Prediction

18th December 2022 | 02:30 PM – 04:00 PM

Registration

- Last date of registration: 17.12.2022 by 5 PM
- Registration Link:
<https://forms.gle/WrPx6d62MVXAfz7m9>
- No registration fee
- Session link shall be share via email
- E-Certificate will be issued to all participants



For more information, please visit <https://www.sandipuniversity.edu.in/sijoul/>

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- **Prof. Manjeet Kumar**, Assistant Professor, Department of Electrical Engineering
- **Prof. Sakena Benazer .S**, Assistant Professor, Department of Electrical Engineering
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