



INDIAN INSTITUTE OF TECHNOLOGY KANPUR

Online International Symposium on Recent Trends in Differential Equations: Theory, Computation & Application (March 19-22, 2021)

Differential Equations (DEs) provide a qualitative and quantitative description for many central models in physical, biological, and social sciences. Several developments in mathematical theory, modelling and simulation of scientific and engineering phenomena, numerical analysis etc., is deeply intertwined with the progress in the area of differential equations. Over the past several years there has been a tremendous growth on theoretical, computational and application fronts of differential equations. This event aims at helping the researchers in the field to keep abreast with the current trends on these various aspects to the differential equations. In order to achieve such a goal, several online talks by some of the internationally renowned experts in the area under the following themes have been planned:

- a) **Recent Trends in Numerical Method for PDEs and Applications**
- b) **Recent Trends in Non Local PDEs and Applications**
- c) **Elliptic PDE and related topics**
- d) **Recent Advances in Mathematical Biology**

Mode of the Symposium

The symposium will be held in Online mode via ZOOM. The link will be sent to the selected participants through email. All interested in participating in the event may please register through the online link provided below.

4.) Symposium on Elliptic PDE and related topics

Date: Mar 22, 2021, Time: 3:00 PM - 5:00 PM
(GMT+1)

Speakers:

3:00 PM Prof Peter Takac [Abstract](#) University of Rostock, Germany
(GMT+1)

4:00 PM Prof. Giuseppe Di Fazio [Abstract](#) University of Catania, Italy
(GMT+1)

Symposium Coordinators: Prof. Kaushik Bal

FOR THE PARTICIPANTS:

Attendees (participants) can ask their queries to the speaker by writing in the "Q&A section" which may get answered depending on the total number of questions we receive. There is no registration charges for this event.

PATRON: Prof. Abhay Karandikar, Director, IIT Kanpur

Local Advisory Committee:

Prof. S. Ganesh, DD, IIT K
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