

INTERNATIONAL CONFERENCE ON “APPLIED NONLINEAR ANALYSIS & SOFT COMPUTING”

ORGANIZED BY

DEPARTMENT OF MATHEMATICS, GAUHATI UNIVERSITY, GUWAHATI-781014, INDIA

22-23 DECEMBER, 2020

PROGRAMME

DAY-1

22 December, 2020

8:15 AM to 5:15 PM (Indian Time)

Zoom Meeting Link

Join Zoom Meeting:

<https://zoom.us/j/98099804501?pwd=cGJvTGdmQis2NUMzMmFRbEJYVXIhUT09>

Meeting ID: 980 9980 4501

Passcode: 677964

8:15-8:30 AM - Networking

8:30-9:00 AM - Inaugural Function

9:00-9:45 AM – Invited Talk on “Approximately close fixed point sets. Betti numbers, free group presentation of triangulated planar shapes and quaternionic holes” by James F. Peters, Computational Intelligence Laboratory, University of Manitoba, Winnipeg, Canada

9:45-10:30 AM – Invited Talk on “Time scales” by Martin Bohner, Missouri University of Science and Technology, Missouri, USA

10:30-11:15 AM – Invited Talk on “Simple mathematical model to capture complex oscillatory dynamics” by Malay Banerjee, Indian Institute of Technology Kanpur, Kanpur, India

11:15-12:15 PM - Special Session on Some Selected Short Talks

12:15-12:30 PM - Break

12:30-1:30 PM - INYAS-INSA Special Session

1:30-2:30 PM - Lunch Break

2:30-3:15 PM – Invited Talk on “The existence of Noise Induced Order, a computer aided proof” by Stefano Galatolo, Università di Pisa, Italy

***3:15-5:15 PM** – Five Parallel Sessions for Presenters

***Parallel sessions shall be organized in separate meetings. Please refer to attached lists for details.**

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PROGRAMME

DAY-2

23 December, 2020

9:00 AM to 4:00 PM (Indian Time)

Zoom Meeting Link

Join Zoom Meeting

<https://zoom.us/j/93563906213?pwd=eGhNUUdOemRneXRaWVd1SHpHYlpTdz09>

Meeting ID: 935 6390 6213

Passcode: 417548

9:00-9:45 AM – Invited Talk on “Unbounded solutions of third order three-point boundary value problems on a half-line” by Ravi P. Agarwal, Texas A&M University-Kingsville, USA

10:00-10:45 AM – Invited Talk on “Efficient computation of complex chemical reaction networks” by Xiaoying Han, Auburn University, Auburn, USA

10:45-11:30 AM- Invited Talk on “Developments in approximation concerning convergence” by Vijay Gupta, Netaji Subhas University of Technology, New Delhi, India

***11:30-1:30 PM** – Five Parallel Sessions for Presenters

1:30-2:30 PM - Lunch Break

2:30-3:15 PM – Invited Talk on “Recent results on measure-valued images, associated fractal transforms, total variation minimization and their application to image analysis” by Davide La Torre, SKEMA Artificial Intelligence Institute, SKEMA Business School, Université Côte d'Azur, Sophia Antipolis Campus, France

3:15-4:00 PM- Closing Ceremony

***Parallel sessions shall be organized in separate meetings. Please refer to attached lists for details.**
