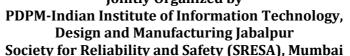


1st INTERNATIONAL and 4th NATIONAL CONFERENCE ON RELIABILITY AND SAFETY ENGINEERING (INCRS-2018) FEBRUARY 26-28, 2018

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Track on **Diagnostics and Prognostics of Mechanical Systems**

Track Chairs

Dr. Aditya SharmaDr. Dibya Prakash JenaDr. K. Hans RajDEINITDEIDayalbagh, AgraRourkelaDayalbagh, Agra

ABOUT TRACK

A variety of mechanical systems are associated almost everyone's life. It includes small hand held devices to large industrial applications such as refrigeration and thermal systems, automobiles, railways, steel industries, power plants, sugar industries, turbines, space shuttles and much more. A mechanical system comprises of several machine elements. The healthy operation of the system is closely allied with the functioning of other linked machine elements. Therefore it is always of prime importance to diagnose the fault at the early stage and perform prognosis accordingly.

We are organizing an exclusive Track on *Diagnostic and prognostic of mechanical systems* in the 1st INTERNATIONAL and 4th NATIONAL CONFERENCE ON RELIABILITY AND SAFETY ENGINEERING (INCRS-2018). This Track provides an international forum for the presentation of recent developments/innovations on various aspects of theories, analysis and experiments related to Model Based Techniques, Data Driven Techniques and Hybrid Techniques specifically in mechanical systems. Scientists and researchers working in the broad areas of Diagnostics and Prognostics are invited to exchange their ideas/results on the related research fields.

The potential topics of this track include, but are not limited to;

- Diagnostics and health assessment
- Prognostics and uncertainty
- Accelerated life testing
- Signal processing and soft computing techniques
- Modeling and simulation
- Measurement methods
- Nonlinear and bifurcation theory
- System stability and reliability analysis
- Tribological analysis
- Mechanisms of failure
- New design and developments

IMPORTANT DEADLINES

Abstract submission:

Abstract acceptance notification:

Full paper submission:

Paper acceptance:

Early Registration

November 10, 2017

November 30, 2017

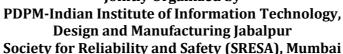
December 20, 2017

November 15, 2017



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Registration January 15, 2018
Final paper submission (Camera ready copy) January 04, 2018
INCRS ' 2018: February 26-28, 2018

Abstract/ Paper submission link: https://easychair.org/conferences/?conf=incrs2018

The conference details are available at

http://www.iiitdmj.ac.in/others/conferences/INCRS-2018/

PROFILE OF TRACK CHAIRS



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http://www.dei.ac.in/dei/engineering/index.php/2012-12-08-09-23-43/mechanical-engg-faculty/18-mechanical-engineering-faculty/72-dr-k-hans-raj