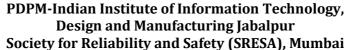


### 1st INTERNATIONAL and 4th NATIONAL CONFERENCE ON RELIABILITY AND SAFETY ENGINEERING (INCRS-2018) FEBRUARY 26-28, 2018

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## Track on Performance /Failure Analysis of Materials in Service

#### **Track Chairs**

**Dr. Bijoy Kumar Rout Dr. Amit Kumar Singh** Dr. Gunjan Soni **BITS PILANI** MNIT JAIPUR MNIT JAIPUR

1st INTERNATIONAL and 4th NATIONAL CONFERENCE ON RELIABILITY AND SAFETY ENGINEERING (INCRS-2018) is organizing an exclusive Track on **Performance** /Failure Analysis of Materials in Service

#### ABOUT TRACK

Engineering failure analysis as a key tool for the improvement of the modern innovation cycle demands that component design involves a whole-of-life approach, incorporating an awareness of manufacture, safety, reliability, environmental sensitivity and disposal. Failure analysis and investigation can determine the root cause of failure if a product, component or asset fail or not perform as expected. The findings provide with the insight to solve the problem, take remedial action and prevent recurrence. This Track aims at bringing together world-class researchers, users and specialists involved in all aspects of performance/failure analysis and prevention from the fields of mechanical, industrial, manufacturing, aeronautical, civil, chemical and design engineering. Scientists and researchers working in the broad areas of failure/Performance Analysis Techniques are invited to exchange their ideas/results on the related research fields.

The scope of the track includes, but is not limited to:

#### Performance/Failure Analysis of Materials in Service Techniques **Including:**

- Design For Six Sigma
- > Failure Prevention at the Design Stage
- > Failure Mode Effect Analysis
- > Failure Analysis Analytical Techniques
  - Root Cause Analysis
  - > Fault Tree Analysis
  - > Failure Logic Model
  - ➤ Failure Experience Matrix
  - Expert Systems
- ➤ Failure Analysis Experimental Methods

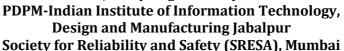
#### **IMPORTANT DEADLINES**

Abstract submission: November 10, 2017 Abstract acceptance notification: November 10, 2017 Full paper submission: November 30, 2017 Paper acceptance: December 20, 2017 **Early Registration** November 15, 2017 Registration January 15, 2018



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Final paper submission (Camera ready copy) January04, 2018
INCRS ' 2018: February26-28, 2018
Abstract / Paper submission links https://eagyshair.org/genforen.gog/?gog/

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

# The conference details are available at

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

#### **PROFILE OF TRACK CHAIRS**



**Dr. Bijoy Kumar Rout**BITS PILANI
View profile



**Dr. Amit Kumar Singh**MNIT JAIPUR
View profile



**Dr. Gunjan Soni** MNIT JAIPUR View Profile