



IIT Bhubaneswar

The Annual Techno Management Fest

WISSENAIRE

## COLLOQUIA-METALLURGY

### INTRODUCTION :

*Colloquia, the paper presentation of wissenaire'18 aims at tapping the infinite potential of human mind to generate an idea, which when given a proper platform, which can transform into a great new discovery. This is your platform to express yourself, make your views known, explore your ideas and make the best presentation. We invite you to bring forth such original ideas and present it in a genuine and comprehensive way.*

### EVENT FORMAT :

#### Round-1:

- Participants have to mail the PowerPoint presentation files electing their topic of interest provided in the list of domains.
- Participants should submit their PowerPoint presentation files to [submissions@wissenaire.org](mailto:submissions@wissenaire.org) with subject of mail as Colloquia Metallurgy.
- Complete details of the all participants, taking part in the presentation, should be mentioned in the submission.
- Specify topic of the presentation as the heading of the submission
- Last date for submission is to 31<sup>st</sup> Jan, 2018.

#### Round-2:

On the basis of the submissions we receive, respective teams will be selected, purely based on the 1st round, for the final demonstration at IIT Bhubaneswar. A confirmation mail will be sent to the selected teams, to take part in the event during Wissenaire'18



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## **DOMAINS**

- **Biomimetic materials**
- **Light metals and properties**
- **Bio-materials**
- **Advanced alloys in aerospace industry**
- **Materials for Energy-Harvesting**
- **Materials for Solar power generation**
- **Materials for Green Technology**
- **Nano Materials for micro systems/micro electronics**
- **Lithium air battery: Materials perspectives**
- **Thermo-electric materials**
- **Metal failure analysis**
- **Thermo-dynamics of materials**
- **Solidification of metals**
- **Bulk metallic glass**
- **Recycling of materials(metals and polymers)**
- **Stochastic process and MONTE-CARLO simulations**

## **TEAM FORMATION RULES:**

- Maximum number of participants in the team should not exceed 3.
- No participant can take part in more than one team.
- Each participant should bring their respective college ID proof.
- It is not obligatory that the participants forming a team should be from the same college.
- Any number of teams can come from same college, there's no restriction for it.



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### **RULES AND REGULATIONS: PRESENTATION RULES:**

- Presentation should not exceed 15 minutes.
- The maximum time allotted for single presentation is 12 minutes, followed by a queries section for 3 minutes.
- Presentation crossing the allotted time, damage the score.
- Plagiarism is not encouraged.

### **GENERAL RULES:**

- Violation of any rule results in rejection of paper.
- The presentation will be judged on the basis of their innovation, in depth knowledge of the field and presentation skills.
- In case of any discrepancy, decision made by the judge is final.
- Participation certificate and certificate of excellence in photography for all the participants and finalists will be given respectively.

### **CONTACT DETAILS :**

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