Deadlines:
Abstract submission deadline: 31/10/2011
Abstract acceptance deadline: 15/11/2011
Early registration payment: 25/11/2011

Accommodation:
Limited accommodation will be provided by the institute guest house on payment basis. Prior information for requirement of institute accommodation is to be intimated. However, accommodation will be available in many hotels of Rourkela city at reasonable tariff on payment. The Institute is situated only at 15 minutes driving distance from the city.

For Institute accommodation, please contact
Prof. S. Sarkar (Email id: smarajit@nitrkl.ac.in)
Prof. S. K. Sahu (Email id: santoshahoo@nitrkl.ac.in).

Conference Fees:

<table>
<thead>
<tr>
<th>Category</th>
<th>Fees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delegates from Industry</td>
<td>₹ 3500</td>
</tr>
<tr>
<td>Delegates from academics and R&amp;D</td>
<td>₹ 1500</td>
</tr>
<tr>
<td>Research scholars/Graduate Students</td>
<td>₹ 750</td>
</tr>
</tbody>
</table>

Conference Organization:
Patron: Prof. P. C. Panda, Director, NIT Rourkela
Chairman: HOD, Metallurgical and Materials Engineering Department, NIT Rourkela
Convener: Prof. B. B. Verma
Co-convener: Prof. A. Basu and Prof. K. Dutta
Treasurer: Prof. D. Chaira
Local organizing committee:
Prof. S. Sarkar  Prof. S. K. Sahu
Mr. R. Pattnaik  Mr. S. Hembram
Technical committee:
Prof. B. C. Ray  Prof. D. Chaira
Prof. S. N. Alam  Prof. A. Mallik

For details please visit:
www.nitrkl.ac.in/conference/ncpcm2011
**Aim of the conference:**
Advanced processing of materials and their subsequent characterization has become more relevant with the advancement of technology and need of high quality materials for critical applications. The purpose of this conference is to bring to light recent developments in materials processing and characterization. The conference is expected to attract the researchers, scientists, practicing engineers from various R & D organizations, academic institutions and industries at a single forum. The interdisciplinary approach of the conference may allow the participants to look beyond their areas of activities. The organizers of the conference are already in touch with eminent researchers to deliver keynote addresses. This is expected to be a platform for young researchers of the nation to discuss their work with eminent researchers of the fields. Senior practicing engineers, established researchers and faculty members will also get an opportunity to share their knowledge and information.

**The Department:**
Established in 1964, the department has been emerged as powerhouse for academics, scientific research and cutting edge technologies. With time, the department grew noticeably and characterization has become more relevant with the established new areas of research and teaching in materials engineering, while retaining its strength in traditional areas in metallurgical engineering. The department attracts highly qualified faculty and bright students from the entire nation. The well-developed infrastructure and diversified expertise of the faculty has provided the department a global acceptance. The graduates from the department are well-accommodated in esteemed industries or institutions. The department is actively involved in the research activity in the front line areas of metallurgical and materials engineering. Some of its research partners are BARC, SAIL, CSIR, Tata Steel, Dalmia Research Institute Rourkela, Orissa Cement Ltd. Rajgangpur and nearby industries.

**List of Areas:**
- Mechanical Characterization and Failure Analysis
- Advanced Material Characterization Techniques: XRD, Electron Microscopy (SEM, TEM, AFM, STM), FTIR, RF Spectroscopy, Raman Spectroscopy
- Thermal Characterization Techniques-DSC, DTA, TG.
- Materials for nuclear industries.

**Guidelines for Abstract Preparation:**
- The extended graphical abstract (350-500 words) can be uploaded in the conference website (Microsoft word file), which must carry sufficient information for fair assessment and should contain the following: Full title of the paper (Title case, Font size 14, **Bold**, Name(s) of author(s) Font size 12, **Bold**, affiliation, and e-mail id of the corresponding author, (Font size 11, **Bold**), brief introduction, results, experimentation and findings of the work (Font size 12). All fonts should be Arial (except symbols). The name(s) of corresponding author and presenting author should be mentioned.
- A conference volume of abstracts will be published and distributed to the registered participants during the conference.