CM2018 - TU Delft
11th International Conference on Contact Mechanics and Wear of Rail/Wheel Systems
24 - 27 September 2018
CM2018 - 11th Edition

A conference series with a rich history where scientists, engineers, consultants and suppliers share, interact and explore current developments as well as the future needs and demands of contact mechanics of rail-wheel systems worldwide.

**Theme**
Connecting science and practice towards future rail-wheel interaction.

**Program**
Keynotes, paper presentations, technical tour, poster exhibition and two special sessions in memory of K.L. Johnson and J.J. Kalker.
(details to be announced late 2017)

**Submission**
An abstract of approximately 1000 words should be submitted through the CM2018 website. If accepted, authors should submit a full paper consisting of 6 to 10 pages. The official language of the conference is English.

We are very much looking forward to welcoming you all at Delft University of Technology in the Netherlands!

**Contact**
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Conference website: www.cm2018.org
Email: cm2018@tudelft.nl

**Topics**
- Contact mechanics of rail-wheel systems
- Friction and adhesion at rail-wheel interface
- Influence of vehicle/track interaction on rail-wheel contact behaviour and damage
- Damage of rails and wheels
- Metallurgy and material behaviour of rails and wheels at macro and micro scales
- Development, application and in-service performance of rail and wheel materials
- Management of rail-wheel interface, including grinding, reprofiling, friction modification, etc.
- Vibration and noise related to rail-wheel contact
- Mutual influence between environmental aspects and rail-wheel contact
- Physical and virtual measurement of rail-wheel contact
- Condition monitoring and diagnostics in relation to rail-wheel contact
- Rail-wheel contact related problems from service: case studies and possible solutions

**Important Dates**

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abstract submission open</td>
<td>September 1, 2017</td>
</tr>
<tr>
<td>Deadline for abstract submission</td>
<td>December 1, 2017</td>
</tr>
<tr>
<td>Notification of abstract acceptance</td>
<td>March 1, 2018</td>
</tr>
<tr>
<td>Final paper submission</td>
<td>July 1, 2018</td>
</tr>
<tr>
<td>Conference CM2018</td>
<td>September 24 - 27, 2018</td>
</tr>
</tbody>
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