The Sixteenth International Conference on Condition Monitoring and Asset Management CM2019

From sensors, through diagnostics and prognostics, to maintenance and management

Call for Papers
Tuesday 25 to Thursday 27 June 2019
The Principal Grand Central Hotel, Glasgow, UK

www.cm-mfpt.org
Submit an abstract online: Abstracts and papers should be submitted online (https://mc.manuscriptcentral.com/cm2019-mfpt2019). Invited papers should be linked to the appropriate session; all other papers should be linked to ‘general session’. Make a presentation at the conference: Authors of accepted abstracts will be invited to present their work at the conference. Write a paper: Papers that are submitted will be peer reviewed by members of the International Scientific Advisory Committee. Selected papers may be published in BINDT’s international journal, Insight, the International Journal of Condition Monitoring or other international journals. Papers related to ‘case studies’ may be published in BINDT’s international newsletter, Condition Monitor. Key dates, guidelines for authors and how to submit a paper are available on the conference website at www.cm-mfpt.org.

We encourage papers from both academia and industry on the following topics:
- Applications
- Architecture of CM systems
- Asset management
- Certification, education and training in CM
- CM for biomedical and healthcare applications
- CM case studies
- CM for civil engineering
- CM for manufacturing
- CM systems and applications
- Condition monitoring (CM) and diagnostic methods and technologies
- Cost benefit analysis
- Data mining and fusion
- Damage
- Decision support for CM
- Design and life integrity
- Design for CM and maintenance
- Engineering standards in CM
- Equipment troubleshooting
- Failure assessment, failure consequences
- FMEA and FMECA
- Future directions for CM
- Instrumentation for CM
- Integrated vehicle health management (IVHM)
- IT in CM
- Machinery failure analysis and prevention
- Maintenance
- Maintenance planning, scheduling and control
- Materials and structural health monitoring
- Modelling and signal processing for CM
- NDT
- Optimisation in CM
- Pattern recognition for CM
- Physics of failure, fault/failure modes
- Prognostics
- Repair and overhaul
- Risk assessment
- Root cause analysis
- Sensors and actuators
- Through-life support
- Wireless CM

Structured and Industrial Sessions, Sponsorship and Exhibition

Brief proposals for structured sessions should be submitted by recognised professionals. Brief proposals for industrial sessions should be submitted by leading representatives of major trade associations, institutions, corporations, industrial companies and consortiums. Proposals should be submitted to karen.cambridge@bindt.org

A substantial discount is available for organisers of structured sessions in recognition of the hard work involved. Organisers will be awarded a special keynote presentation at the beginning of the session and will be acknowledged on the conference website and proceedings, which will be distributed worldwide.

Leading companies may wish to take a more visible sponsor role in this international event. Sponsors will be acknowledged on the conference website and in the proceedings, which will be distributed worldwide. Sponsors and exhibitors will have an opportunity to organise industrial sessions to highlight their activities and give a presentation at the plenary spotlight sessions. Details of sponsorship and exhibition packages are available online. A substantial discount on exhibition fees is available for BINDT Corporate Members. www.cm-mfpt.org

The Venue

The Principal Grand Central Hotel, Glasgow, was originally built in the late 19th century as a British railway hotel. One of the city’s most prestigious buildings, this iconic hotel is still a much-loved landmark in Glasgow’s skyline, set within the hub of the Style Mile and at the centre of the city’s many attractions.

With excellent transport links by road, rail and air, the Principal Grand Central Hotel benefits from a great central location; it is an ideal venue for the Sixteenth International Conference on Condition Monitoring and Asset Management. The Principal Grand Central Hotel is conveniently located at the Glasgow Central Station and the entrance is located on the main station concourse. Queen Street Station is an eight-minute walk from the venue. The M8 motorway network is four miles and approximately a ten-minute drive from the hotel. Glasgow Airport is eight miles, or 15 minutes via a taxi, and Prestwick Airport is 30-40 minutes by the hotel train.

Located on the River Clyde, Glasgow has been transformed from an industrial city to the country’s cultural centre, with its excellent museums, art galleries, concert venues and festivals. Glasgow’s many attractions.

Best Paper Competition for Students and People in the Early Stages (first five years) of their Career

The winning paper of the ‘Len Gielman Award’ will be selected based on both the quality of the paper and the presentation. Winners will be awarded certificate(s) and the presenting author will receive a cash sum of £250 and free BINDT membership for one year.

To enter this competition, please indicate that you wish your paper to be considered when submitting online.

Social Programme

Full-time delegates of the conference will be able to participate in an evening social programme. The option to book for part-time delegates will be available upon request. An evening event on Tuesday (full details to follow online) will provide you with the perfect opportunity to experience Glasgow, as well as to network with other conference attendees and forge useful alliances with other people in the condition monitoring industry. On the Wednesday evening there will be a gala dinner, with fine food and wine being served in a friendly, relaxed setting.

Registration

For details and costs of full-time and part-time registration please visit the conference website. The full-time delegate registration fee covers your attendance at all sessions and the exhibition, a proceedings CD, coffee breaks, lunches and evening entertainment. Cancellation penalty: less than two weeks before the event – 50% of conference fees.

BINDT has always recognised the importance of encouraging students to participate in this major international event. As a gesture to celebrate the sixteenth international conference, the Institute will be providing generous sponsorship of student registrations in 2019, resulting in a major reduction in fees for student attendance.

About The Organisers

BINDT is the internationally recognised focal point for CM and NDT and it is the professional institute for all those engaged in CM and NDT. It is concerned with education, training, certification and the advancement of the science and practice of the subjects. www.bindt.org

The Condition Monitoring Technical Committee COMADIT is the specialist committee within BINDT promoting best practice and exchange of knowledge within the condition monitoring and diagnostic community worldwide. www.bindt.org/comadit

The ISCM is an international forum for individuals and organisations with an interest in condition monitoring. Its purpose is to bring together an international community with the common aim of achieving excellence in the development and practice of condition monitoring and related diagnostic technologies. www.bindt.org/iscm

The US Society for MPFT is an interdisciplinary technical organisation strongly oriented towards practical applications. The MPFT Society acts as a focal point for technological developments that contribute to mechanical failure reduction or prevention. www.mpft.org