

AIM OF THE WORKSHOP

The aim of this workshop is to present the latest information available on monitoring water quality issues in domestic and cooling water systems, related specifically to *Pseudomonas aeruginosa* and *Legionellae* proliferation.

The presentations have been chosen to give a practical approach for monitoring for bacterial proliferation in domestic, sanitary, industrial or cooling tower water.

The workshop will give a clear view on the newest analytical methods existing for control of *Legionellae* proliferation and their application : new generation of quantitative ATP assays and real-time PCR for Legionella.

Field applied methodology for bacterial risk assessment will be presented through different case studies.

INVITED SPEAKERS

- Dr John V. Lee, Health Protection Agency
- Dr Susanne Surman-Lee, Health Protection Agency
- Dr Sandra Lai, Health Protection Agency
- Mr. Herve Gorisse, Ondeo Industrial Solutions
- Mr. Bernard Gruson, Nalco
- Miss Veliana Todorova, aqua-tools
- Mr. Marc Raymond, aqua-tools

LOCATION

The National Motorcycle Museum
Coventry Road
Bickenhill
Solihull
West Midlands
B92 0EJ
United Kingdom

PROGRAM OF THE WORKSHOP

- 9:15 – 9:45** **Coffee and registration**
- 09:45 – 10:00** **Opening of the conference (Chairman TBC)**
10:00 – 11:00 **Maintaining water quality in buildings (Dr Susanne Surman-Lee, Health Protection Agency)**
- Update on incidence Legionellosis
 - Emerging potential problems with *Pseudomonas aeruginosa* and other organisms
 - Review of risk factors for growth in water systems
 - Emerging problems in maintaining with water systems in large buildings particularly hospitals and hotels.
- 11:00 – 11:30** **Coffee break**
11:30 – 12:30 **The practical approach to monitoring for microbial control in potable water systems (Dr John V Lee, Health Protection Agency)**
- Choice of monitoring regime – the WHO Water Safety Plan and the UK HSE Risk Assessment approaches compared
 - Legionellae monitoring by culture – UK approach
 - Monitoring for other organisms and their relevance
 - *Pseudomonas aeruginosa*
- 12:30 – 13:00** **Introduction to the use of real time PCR for monitoring for *Legionellae* (Dr Sandra Lai, Health Protection Agency)**
- Description of real-time PCR for legionellae
 - Potential advantages and disadvantages
- 13:00 – 13:45** **Lunch**
13:45 – 14:15 **Introduction to the use of quantitative ATP for monitoring microbiological quality of water (Veliana Todorova, aqua-tools)**
- Fundamentals of ATP assays
 - Description of quantitative ATP assays
 - Potential advantages and disadvantages
- 14:15 – 15:00** **Practical experience of use of Quantitative PCR for monitoring for Legionellae (2 presentations, speakers TBC)**
- Case studies presenting the use of the method for monitoring treatment regimes in industrial water and cooling towers
- 15:00 – 16:00** **Practical experience of use of Quantitative ATP assays for monitoring water quality (3 presentations - Mr. Herve Gorisse, Ondeo Industrial Solutions; Mr. Bernard Gruson, Nalco; Marc Raymond, aqua-tools)**
- Case studies presenting the use of the method for monitoring treatment regimes in domestic water systems and cooling towers
 - Correlations with monitoring for specific organisms – *Legionella*, *Pseudomonas aeruginosa*
- 16:00 – 16:15** **Tea break**
16h00 - 16h30 **Integration of rapid methods into monitoring programmes recommended by UK Health and Safety Guidelines (speaker TBC)**
- 16:30 – 17:00** **General Discussion and Question and Answer session**
17:00 **Closing of the conference**

PRACTICAL INFORMATION

CONTACT DETAILS:

Mme Laila Caufourier – aqua-tools France

Tel : +33.1 30 95 79 50

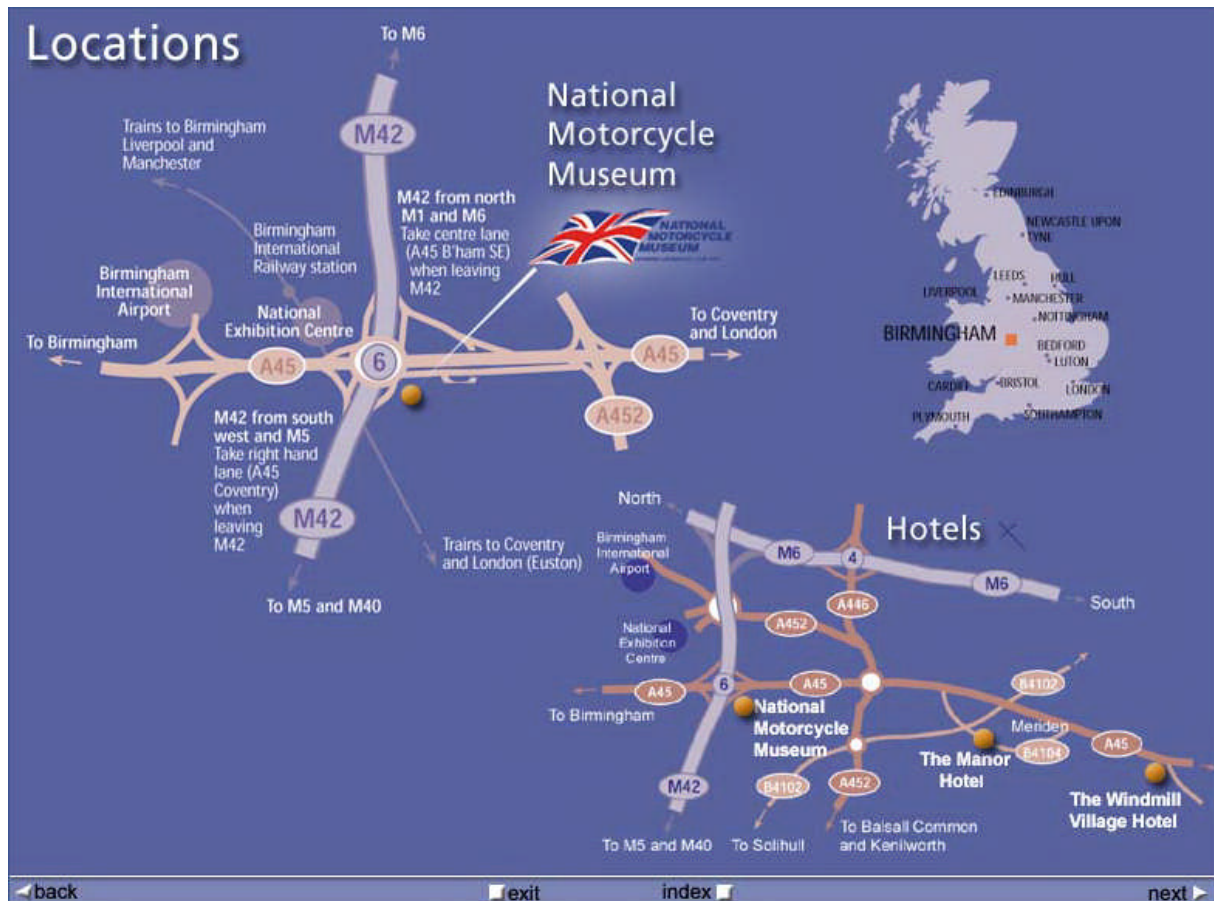
Fax : +33.1 30 95 54 55

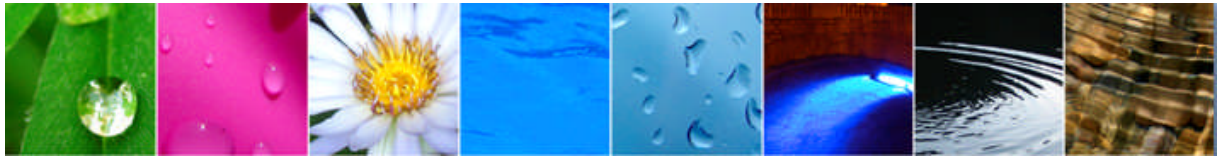
e-mail : laila.caufourier@aqua-tools.com

PARTICIPATION FEE :

100 € (75 £) per attendee
advance registration required

ACCESS PLAN TO THE NATIONAL MOTORCYCLE MUSEUM





REGISTRATION FORM

Please confirm your participation

Before April, 21st 2008

By completing this form and send it by fax to + 33.1 30 95 54 55

For the attention of *Laila CAUFQUIER* – AQUA-TOOLS – tel +33.1 30 95 79 50

WORKSHOP of May, 21st 2008 :

Organised at the National Motorcycle Museum – Midlands United Kingdom

The application of new rapid microbiological indicators to the risk assessment of domestic and cooling water systems : the use of quantitative ATP assays and real-time PCR for *Legionella*.

FistName - LastName

COMPANY / INSTITUTION :

Activity :

Department and/or Title :

Address :

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.....
.....

Country :Int'l VAT # for Invoice.....

Tel. :Fax :

E-mail :

Will be attending the workshop :

Yes

NO

REGISTRATION FEE : 100 Euros or 75 £ (French addresses have to add 19,60 € for VAT)

PAYMENT DETAILS :

Bank transfer : for the attention of **aqua-tools.com**

Other : bank cheque

Bank : **BNP PARIBAS** :

cash at registration on May,21st

IBAN **FR76 3000 4008 5200 0102 0891 419**

BIC : **BNPAFRPPMNT**

Cancellation of participation will be accepted only until May, 12th, after this date, registration fees can't be reimbursed. Invoice/sales receipt will be sent by post at address above upon payment.

National Motorcycle Museum

THE MUSEUM AND CONFERENCE BANQUETING COMPLEX

Coventry Road, Bickenhill, Solihull, West Midlands, B92 0EJ

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