Dear members,

On behalf of Prof. Clive Thompson, ALcontrol Laboratories, UK, please find attached the announcement of the international conference entitled: Faecal Indicators: problem or solution? Has technical progress reduced the need for faecal indicators?

With best regards
Gabriela Barz
Secretary ISO/TC 147

Committee URL: http://isotc.iso.org/livelink/livelink/open/tc147
Faecal Indicators: problem or solution?
6th-8th June 2011, Edinburgh Conference Centre, UK

APPLICATION FORM

This form should be completed clearly and returned to the Conference Secretariat, Maggi Churchouse, 3 East Barn, Market Weston Road, Thelnetham, Diss IP22 2J}, UK, fax +44 (0)1359 221004

Title (Prof., Dr., etc.): ........................................ First Name: ...............................................................

Last (Family) Name: .................................................................................................................................

Job Title: .......................................................................................................................................................

Address: .........................................................................................................................................................

E-mail: ..............................................................................................................................................................

Telephone: ......................................................................................................................................................

Organisation: ......................................................................................................................................................

Postal Code: ......................................................................................................................................................

Country: .........................................................................................................................................................

Payment Methods

- Cheque: I enclose a cheque payable to SCI Business Ltd for £

- Bank Transfer: Payments may be made by BACS - payment to be made against invoice, quoting the invoice number and delegate name as references. All bank charges must be paid by the sender.

- Card: Card payments may be made online at www.FIPS2011.org

Cancellation policy

In the event of cancellation before 23rd May, 80% of the fee paid will be refunded. Cancellations must be received in writing. Refunds will not be possible after that date although substitutions are possible at any time.

General Information

Travel and Accommodation

The Edinburgh Conference Centre is located in the beautiful grounds of the Heriot-Watt University campus, 6 miles from the city centre. It is ten minutes from Edinburgh International Airport and is just off the city centre bypass which connects with Scotland’s motorway network, making it easily accessible from all over Scotland and beyond. It is also served by three bus routes from the city centre.

Further information may be found on our website.

We have held 100 single, en-suite rooms at Heriot-Watt University for our attendees, and these are charged at £55 + VAT per night for bed and full Scottish breakfast. Accommodation should be booked at the same time as registration. If you wish to stay in Edinburgh city centre instead, a list of alternative hotel options may be found on our website.

Venue and Conference Dinner

The Conference will be held in James Watt Centre I at the Edinburgh Conference Centre, Heriot-Watt University, Riccarton, Edinburgh EH14 4AS, six miles from Edinburgh City Centre. The conference dinner will be held on Tuesday, 7th June from 7 o’clock. A hot fork buffet with drinks will be served in the College Lounge within the Edinburgh Conference Centre.

Organising Committee

- David Kay - Chair (CREH)
- K Clive Thompson - Secretary (ALcontrol Laboratories)
- John Farmer - Treasurer (SCI Environment Group)
- Colin Fricker - (CRF Consulting)
- Simon Gillespie - Scottish Water
- Andy Headland (BDO)
- Bill Keenl (University of Southampton)
- Mélinda Maux (IPL santé environnements durables)
- Gordon Nicholas (HPA Centre for Infections)
- Robert Pitchers (WRC plc)
- Keith Smith (Drinking Water Inspectorate)
- Samantha Vince (Drinking Water Inspectorate)

Faecal Indicators: problem or solution? Has technical progress reduced the need for faecal indicators?

Contact

Maggi Churchouse, Secretariat
3 East Barn, Market Weston Road, Thelnetham, Diss IP22 2J}, UK
Telephone and fax +44 (0)1359 221004, e-mail maggi@fips2011.org

www.FIPS2011.org
Monday, 6th June

09:30 Registration and refreshments
10:30 Introduction and welcome session (Chair: K Clive Thompson, AlconTract Laboratories, UK)
10:45 Keynote: The science of biofilm mathematics (Dr John Rice, Rice University, USA)
11:05 Keynote: Sustainable water and sanitation, new paradigms, new challenges (Jamie Batram, University of North Carolina, USA)
11:25 Coliforms and pathogens in drinking water (Chair: Bill Kessel, University of Southampton, UK)
11:30 Harmonisation of risk and guidelines (Bruce Gordon and Robert Boss, World Health Organisation)
11:50 Fecal indicators in drinking water – it is time to move on? (Margaret McClainness, Scottish Water, UK)
12:10 Operational aspects of investigations (Robert Pitchers, wsc p.l.c., UK)
12:15 Poster and exhibition
13:45 Coliforms and pathogens in drinking water (Chair: Colin Fricker, CRF Consulting, UK)
13:50 Legionella in drinking water network contamination: The Nokia case study (Niklaus Miettenen, National Institute for Health and Welfare, (THL), Finland)
14:10 Improved detection of somatic and plasmid-specific coliphages, as rainfall indicators of faecal contamination (Mark Sobsay, University of North Carolina, USA)
14:30 Ambient temperature incubation for the field detection of E.coli in drinking water (Joe Brown, London School of Hygiene and Tropical Medicine, UK)
14:55 Discussion session
15:10 Discussion
15:40 Debate: What is a coliform? And are coliforms relevant to public health? (Chair: Jen Colbourne, University of Exeter, UK)
16:00 Poster and exhibition session with refreshments
18:15 End

Tuesday, 7th June

09:00 Health risk from environmental water (Chair: Jamie Batram, University of North Carolina, USA)
09:05 ORHA as an emerging tool: regulatory and operational uses (Nick Ashcroft, US EPA, USA)
09:55 Fecal indicators and the Dutch challenge test and literature data (Wim Hijnen, KWR Watercycle Research Institute, The Netherlands)
10:15 Discussion session
10:30 Discussion
10:55 Application of FISH-DVC method in tracking of Escherichia coli in drinking water distribution (Chair: to be confirmed)
11:05 Four perspectives to be presented: coliforms are relevant from public health perspective; coliforms are irrelevant; the lactose viewpoint; all current sampling is irrelevant. Perspectives challenged by three inquirers.
11:30 Discussion session (Chair: Gordon Nicholls, HPA)
12:15 Poster and exhibition session with refreshments
16:00 Lunch and exhibition
18:30 End

Registration Fees
All registration fees include the conference dinner: £370 for members of the SCI, RSC and the Institute of Water.
£420 for non-members.
£1,230 for exhibition stands (including one non-transferrable pass and the conference dinner).
£55 for the application proceedings, published by the RSC (no VAT).

Wednesday, 8th June

09:00 Microbial water and wastewater system (Chair: David Butler, University of Exeter, UK)
09:05 An ecological context to water microbiology methods (Nick Ashcroft, US EPA, USA)
09:25 Climate change and risks from microbial contamination (Paul Hunter, University of East Anglia, UK)
09:55 Microbial contamination of natural Scottish water supplies. (Matthew Bowie, Drinking Water Quality Regulator for Scotland, UK)
10:15 Discussion session
10:35 Water chemistry and exhibition
11:05 From bacterium coli to microbial tools… (Christobel Ferguson, ALG Water Resources Group, Australia)
11:25 Faecal contamination of ground water as water quality hazard at small community water supply plants in Finland. (Dirk Pyykkö, National Institute for Health and Welfare, Finland)
11:40 Microbial risks for water systems in Scotland. (Lorna Pettie, Centre for Research Into Environment and Health, UK)
12:15 Discussion
12:35 Lunch
13:35 The way forward and challenges we need to address (Chair: Colin Fricker, CRF Consulting, UK)
13:40 New methods and opportunities (Bill Keevil and Sandra A Wilks, University of Southampton)
13:55 Role indicators of water quality – do the paradigms need changing? (Sue Weis, University of Arizona, USA)
14:15 Regulatory responses. (Teresa Isaac, Drinking Water Inspectorate, UK)
15:00 Keynote: Summing up private and public: why coliforms still specified in UK (Chair: Jen Colbourne, University of Exeter, UK)
15:30 Close

Aim
The FIPS 2011 conference is designed to address existing and emerging issues in environmental microbiology which offer exciting new challenges in microbiology, public health and environmental science which will assist in monitoring and modelling environmental systems to protect human health, animal welfare and environmental quality. These are central to trends in regulation and management of microbial dynamics through cultural and molecular methods, real-time prediction and proactive health protection. The challenges to the science and operational communities are significant but offer opportunities for interdisciplinary investigation and research to offer useful and sustainable solutions to emerging challenges for our diverse and growing community.

Who should attend
Those working in universities, research, institutes, local government, the food industries, and health professionals.

Debates and Features
This international conference will feature two competitive, provocative and engaging live debates examining the moral issues behind the statements “What is a coliform and are coliforms relevant to public health?” and “Do regulations help or hinder the innovation in testing methods?” It will also include a trade exhibition, a poster exhibition, extended discussion sessions and a conference dinner. The Royal Society of Chemistry will publish proceedings after the event.

Posters
Posters are invited on the subjects related to the programme topics opposite. Please download an abstract template from the website, and please note the closing date of 31st March 2011.

Programme