

FINAL ANNOUNCEMENT

INTERNATIONAL

CONFERENCE,

MARKETPLACE AND

MATCHMAKING EVENT

**Rapid
Methods
EUROPE 2007**

FOR BIOLOGICAL,

AND CHEMICAL

29-30 JANUARY 2007

CONTAMINANTS IN

PROGRAMME

AND

REGISTRATION

FOOD AND FEED

NH LEEUWENHORST • NOORDWIJKERHOUT • THE NETHERLANDS

Welcome

Rapid Methods Europe is a series of events dedicated to rapid methods and instrumentation of interest to the food and feed industry. **Rapid Methods Europe 2007** presents a firm base and structured framework for considering rapid methods for detecting biological and chemical contaminants in food and feed, featuring:

- **Plenary lectures & parallel sessions**
- **Case studies**
- **Contributed papers**

The Advisory Committee particularly encourages the submission of contributed papers about the specific topic areas. All scientists working in the field of rapid testing research are invited to submit their most recent research papers to the conference.

- **Poster sessions**
- **Interactive workshops & demonstrations**
- **Spotlight presentations theatre**

A special presentation facility for sponsors and exhibitors to promote their products in more detail.

- **Instrument & manufacturers exhibition**
- **Matchmaking event**

The best opportunity to meet companies and research institutes throughout Europe to identify possibilities for international R&D co-operation.

As a comprehensive overview **Rapid Methods Europe 2007** offers an excellent way to network and to share ideas, providing a reference source for anyone interested in the rapid determination of biological and chemical contaminants in food and feed.

ADVISORY COMMITTEE

Dr. Aart van Amerongen, *Wageningen University, Agrotechnology & Food Sciences Group, the Netherlands*

Dr. Daniel Barug, *Ranks Meel, the Netherlands*

Helena B. Bastiaanse, M.Sc., *Bastiaanse Communication, the Netherlands*

Margreet Lauwaars, *Consultant, the Netherlands*

Dr. Bert Popping, *Eurofins Scientific Group, UK*

Prof.dr. Sarah De Saeger, *Ghent University, Department of Bio-analysis, Belgium*

PROGRAMME AT A GLANCE

MONDAY 29 JANUARY 2007

08.45 - 10.30	Plenary meeting		Instrument & manufacturers exhibition
10.30 - 16.00	Parallel session 1 Microorganisms	Parallel session 2 Naturally occurring substances	
16.00 - 18.00	Contributed papers Poster presentations Spotlight presentations theatre Matchmaking event		

TUESDAY 30 JANUARY 2007

08.30 - 12.00	Parallel session 3 Microorganisms	Parallel session 4 Non-naturally occurring substances	Instrument & manufacturers exhibition
12.00 - 16.30	Contributed papers Spotlight presentations theatre Workshops & demonstrations Matchmaking event		

Secretariat

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**Rapid
Methods**
EUROPE 2007
29-30 JANUARY

Monday 29 January 2007

08.45 **Opening of Rapid Methods Europe 2007**

PLENARY MEETING

What can be learned from others?

Chair: Dr. Aart van Amerongen, *Wageningen University, Agrotechnology & Food Sciences Group, the Netherlands*

09.00 **International perspectives in rapid methods research: opportunities in Eureka and the 7th Framework Programme**

Casper de Swarte, M.Sc., SenterNovem/EG-Liaison, the Netherlands

09.30 **High-throughput analysis: a pharma perspective**

Prof.dr. Wilfried M.A. Niessen, hyphen MassSpec, the Netherlands

10.00 **Field testing of a fully automated real-time PCR device designed for UK Armed Forces**

David Squirrell, Enigma Diagnostics, UK

10.30 **Networking break / instrument & manufacturers exhibition**

Monday 29 January 2007

PARALLEL SESSION 1

Microorganisms

Chair: Dr. Bert Popping, *Eurofins Scientific Group, UK*

11.00 Sample preparation and enrichment for rapid detection

Dr. Tony Sharpe, *Filtaflex Ltd., Canada*

11.30 Making molecular detection methods standard

Dr. Jeffrey Hoorfar, *Danish Institute for Food and Veterinary Research, Denmark*

12.00 Nanoparticles-based assays for detection of microorganisms:
why, when and where?

Dr. Aart van Amerongen, *Wageningen University, Agrotechnology & Food Sciences Group, the Netherlands*

12.30 Lunch / instrument & manufacturers exhibition

CASE STUDIES

14.00 Rapid detection methods for verocytotoxigenic *Escherichia coli*
in the food chain

Dr. Catherine M. Burgess, *Teagasc, Ashtown Food Research Centre, Ireland*

14.30 A new method for *Salmonella* detection

Dr. Mika Tuomola, *Raisio Diagnostics, Finland*

15.00 Nucleic acid lateral flow device (NALFD): rapid method for the
simultaneous detection of *Listeria* spp. and *Listeria monocytogenes*

Dr. Martina Blazková, *Institute of Chemical Technology Prague, Czech Republic*

15.30 Two simple technologies for screening herds on zoonotic agents
such as *Campylobacter*, *Salmonella* and *Trichinella*

Dr. Kitty Maassen, *Wageningen University, Animal Sciences Group, the Netherlands*

16.00 - 18.00

CONTRIBUTED PAPERS (ORAL PRESENTATIONS)

Rapid Methods Europe 2007 particularly encourages the submission of contributed papers about the special session topics. All scientists working in the field of rapid testing research are invited to submit their most recent research papers to the conference.

POSTER PRESENTATIONS AT THE SCIENTIFIC CAFÉ

MATCHMAKING EVENT - PART I

The best opportunity to meet companies and research institutes throughout Europe to identify possibilities for international R&D co-operation.

See separate section of this brochure for details.

SPOTLIGHT PRESENTATIONS THEATRE

A special presentation facility for sponsors and exhibitors to promote their products in more detail.

INSTRUMENT & MANUFACTURERS EXHIBITION

Monday 29 January 2007

PARALLEL SESSION 2

Naturally occurring substances

Chair: Margreet Lauwaars, Consultant, the Netherlands

11.00 Rapid detection of mycotoxins: an overview

Prof.dr. Sarah De Saeger, Ghent University, Department of Bio-analysis, Belgium

11.30 Rapid methods for bacterial toxins: potential and limitations

Prof.dr. Erwin Märklbauer, Ludwig Maximilian University, Department of Hygiene and Technology of Milk, Germany

12.00 Functional assays for biotoxin detection

Prof.dr. Gian Paolo Rossini, University of Modena and Reggio Emilia, Department of Biomedicine, Italy

12.30 Lunch / instrument & manufacturers exhibition

CASE STUDIES

Chair: Prof.dr. Sarah De Saeger, Ghent University, Department of Bio-analysis, Belgium

14.00 Screening of mycotoxins in strongly coloured food matrices

Marieke Lobeau, Ghent University, Department of Bio-analysis, Belgium

14.30 Innovative microarray tests for food allergen analysis

Dr. Reinhard Hiller, VBC-Genomics, Austria

15.00 Rapid testing of aeroallergens

Prof.dr. Dick Heederik, Utrecht University, Institute for Risk Assessment Sciences, the Netherlands

15.30 Rapid ante mortem tests for TSEs: progress in testing blood for prions

Dr. Alex Räber, Prionics AG, Switzerland

16.00 - 18.00

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INSTRUMENT & MANUFACTURERS EXHIBITION

Tuesday 30 January 2007

PARALLEL SESSION 3

Microorganisms

Chair: Dr. Aart van Amerongen, *Wageningen University, Agrotechnology & Food Sciences Group, the Netherlands*

- 08.30 **Nanosensor technologies for microbiological analysis: current state-of-the-art**
speaker to be confirmed
- 09.00 **Luminescent techniques for microbiological analysis of foods: future trends**
Dr. Mansel Griffiths, Canadian Research Institute for Food Safety, Canada
- 09.30 **Rapid methods for the detection of foodborne viruses**
speaker to be confirmed
- 10.00 **Rapid detection of toxigenic fungi in plants**
Dr. Giuseppina Mulè, National Research Council, Institute of Sciences of Food Production, Italy
- 10.30 **Networking break / instrument & manufacturers exhibition**

CASE STUDIES

- 11.00 **Detection of *Legionella* with a microsieve and a LED-based photonic device**
Dr.ir. Frank H.A.G. Fey, Centre for Concepts in Mechatronics (CCM), the Netherlands
- 11.30 **Rapid detection of *Cryptosporidium* in food matrices**
Dr. Giancarlo Ripabelli, University of Molise, Department of Animal, Plant and Environmental Science, Italy

12.00 - 12.45

CONTRIBUTED PAPERS (ORAL PRESENTATIONS)

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12.45 Lunch / instrument & manufacturers exhibition

14.00 - 16.30

WORKSHOPS & DEMONSTRATIONS

See separate section of this brochure for details.

MATCHMAKING EVENT - PART II

The best opportunity to meet companies and research institutes throughout Europe to identify possibilities for international R&D co-operation.

See separate section of this brochure for details.

INSTRUMENT & MANUFACTURERS EXHIBITION

Tuesday 30 January 2007

PARALLEL SESSION 4

Non-naturally occurring substances

Chair: Prof.dr. Erwin Märklbauer, *Ludwig Maximilian University, Department of Hygiene and Technology of Milk, Germany*

08.30 **Acrylamide & Co. – analysis of processing contaminants**
Dr. Thomas Wenzl, *Directorate-General Joint Research Centre, Institute for Reference Materials and Measurements, Belgium*

09.00 **New developments in the rapid detection of pesticide residues**
Prof.dr. Sergei A. Eremin, *Lomonosov Moscow State University, Department of Chemical Enzymology, Russia*

09.30 **The rapid detection of antibiotic residues in food products**
Wim Reybroeck, *Institute for Agricultural and Fisheries Research, Unit Technology & Food, Belgium*

10.00 **Irradiation detection methods – and how to cheat the test**
Dr. Bert Popping, *Eurofins Scientific Group, UK*

10.30 **Networking break / instrument & manufacturers exhibition**

CASE STUDIES

11.00 **Recent developments in fast multiple GMO detection**
Prof.dr. José Remacle, *University of Namur, Research Unit on Cellular Biology, Belgium*

11.30 **Spice up spices - rapid detection and quantification of illegal dyes**
Silke Mass, *Eurofins/Wiertz-Eggert-Jörissen, Germany*

12.00 - 12.45

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INSTRUMENT & MANUFACTURERS EXHIBITION

Matchmaking Event

MONDAY 29 JANUARY 2007

16.00 - 18.00 Matchmaking event - Part I

TUESDAY 30 JANUARY 2007

14.00 - 16.30 Matchmaking event - Part II

Matchmaking

The best opportunity to meet companies and research institutes throughout Europe to identify possibilities for international R&D co-operation.

The development of new rapid detection techniques for food and feed diagnostics requires interaction between many stakeholders like the primary sector, food and feed producing companies, retailers, biotech companies, ICT companies, equipment manufacturers and government bodies. A prerequisite for the effective development of the required diagnostic systems meeting the criteria of all the stakeholders, is that companies from the different areas are able to find one another and identify interesting partners for co-operation.

Purpose

The purpose of this matchmaking event is to create a meeting point for technology co-operation. It will offer companies and research organisations a forum to effectively meet and discuss with the parties, which are of interest in the area of food and feed diagnostics. The event will be tailor made with a programme consisting of one-to-one meetings with pre-matched partners.

Theme

The matchmaking event will focus on R&D collaboration in food and feed diagnostics.

Registration

Interested parties can fill in their organisation profile on the back of the Conference Registration Form, or on-line at www.bastiaanse-communication.com, in which they:

- describe their company (main activities, type of organisation, area of expertise, size of organisation, experience in international R&D co-operation);
- describe possible project ideas; and
- describe the profile of potential partners (type of organisation, area of expertise).

The organisation profiles will be published in an on-line catalogue on the website of Rapid Methods Europe 2007. These profiles serve as a tool for a careful pre-matching process, which will bring together potential partners with the same objectives and complementary expertise.

Registration for the matchmaking event can be submitted until 15 December 2006. As from this date the registered parties will be invited to indicate those persons they would like to meet. Individual bilateral meetings will be booked in advance. Each participant in the matchmaking event will receive an individual meeting schedule. The final programme will be co-ordinated by the Secretariat of Rapid Methods Europe 2007.

Workshops & Demonstrations

(AT TIME OF PRINTING)

For the latest details, see www.bastiaanse-communication.com

TUESDAY 30 JANUARY 2007

14.00 - 16.30

WORKSHOP 1

Rapid tests for mycotoxins and allergens

Sponsored and presented by R-Biopharm AG.

R-Biopharm offers a wide range of analytical test kits for food and feed analysis, and clinical diagnostics.

Part I: New developments in rapid mycotoxin detection

- Introduction and technical background
- New developments
 - semi-quantitative aflatoxin detection with a new lateral flow based test system
 - slateral flow methods for rapid *Fusarium* toxin (deoxynivalenol, fumonisin) screening
 - sinroducing: a new biosensor method for rapid mycotoxin detection
- Hands-on training of the aflatoxin detection method
- Discussion with the experts

Part II: Integrating rapid lateral flow test in a HACCP-based approach for allergen monitoring

- Introduction and technical background
- Lateral flow test systems for allergen detection
 - a R5 antibody based lateral flow device for gliadin detection
 - a new lateral flow based test for hazelnut detection
- Hands-on training of the methods
- Discussion with the experts

WORKSHOP 2

Sample extraction / Fast detection of mycotoxins

Sponsored and presented by Euro-Diagnostica B.V.

Euro-Diagnostica is dedicated to testing the quality of food and to the diagnosis of disease.

Part I: Sample extraction / homogenisation

- Presentation of homogeniser and extraction apparatus
- Demonstration with real samples
- Discussion with the experts

Part II: Fast detection of mycotoxins

- Presentation of product news
- Demonstration of DON tube test and ochratoxin FTRT (Flow Through Rapid Test kit)
- Discussion with the experts

Workshops & Demonstrations

TUESDAY 30 JANUARY 2007

14.00 - 16.30

WORKSHOP 3

Practical aspects of manufacturing rapid tests

Sponsored and presented by Biodot, Inc.

Biodot will present a series of practical demonstrations, which will take the workshop through the processes involved in manufacturing rapid tests, from R&D, through batch manufacturing to full in-line systems.

Part I: Batch manufacturing

- Dispensing onto substrates
 - technologies (non-contact vs. contact; air-jet conjugates and blocking reagents)
 - applications (lateral flow; immunoblots; biosensors; biochips)
- Lamination
- Cutting

Part II: In-line manufacturing

- Reel to reel dispensing and drying (web handling considerations; non-contact vs. contact dispensing; air-jet of conjugate and blocking reagents; dipping; drying technologies; quality control)
- In-line lamination (web handling considerations; quality control)
- Cutting

Part III: Informal questions and answers

A chance to ask our team specific questions, and to inspect the various dispensing, web handling, lamination and cutting technologies.

WORKSHOP 4

Rapid tests for microbiological screening

Sponsored and presented by FOSS A/S.

In the world of today efficiency has become inextricably linked to profitability and immediate control of bioburden factors as coliforms, total viable counts and moulds in food products becomes even more crucial to obtain fast and positive release of products. The key words are speed, flexibility, versatility and connectivity. FOSS presents a system, which offers rapid and reliable results, easy to use – all in a complete platform with a large selection of tests and network ability. Rapid results on the key spoilage and indicator organisms allow faster release of product through the production chain from raw material assessment to product release. The system has already been adapted by several big and small food companies and has demonstrated its usability and benefits.

Part I: Product introduction – a complete platform

- Technical background
- Examples of real life benefits

Part II: Hands-on training with meat and dairy products

Part III: Discussion with the experts

General information

Who should attend?

Rapid Methods Europe 2007 is aimed at a wide range of scientist and technologists wishing to gain insight into rapid methods for biological and chemical contaminants in food and feed. Attendance will be invaluable for analysts, technical managers, laboratory managers, food safety and quality assurance/ quality control managers.

Registration fee and discounts

The registration fees for Rapid Methods Europe 2007 include lunches and coffee/tea as announced in the timetable, and the book of abstracts. The registration fees do not include hotel accommodation. On Monday evening 29 January 2007 a conference dinner will be organised; reservations can be made on the Conference Registration Form. Please note: dinner tickets cannot be bought on site.

Full registration fee: EUR 795.- (19% VAT exclusive).

Discounted registration fee: EUR 600.- (19% VAT exclusive) for participants from universities.

Special registration fee: Every paying participant may be accompanied by one participant for a special registration fee of EUR 300.- (19% VAT exclusive) provided that the following conditions are met:

- the paying participant and the accompanying participant are employed with the same company/organisation at the same location;
- the paying participant and the accompanying participant register and pay at the same time.

Registration

To register for Rapid Methods Europe 2007 please fax or send the enclosed Conference Registration Form to the Secretariat.

The registration desk will open on Sunday 28 January 2007 at 4.00 p.m.

Venue and hotel accommodation

Rapid Methods Europe 2007 will take place at the NH Leeuwenhorst hotel located in Noordwijkerhout in the countryside of the western part of the Netherlands. The hotel is close to the cities Amsterdam and The Hague, and approximately 20 minutes from Amsterdam Schiphol Airport.

Participants are responsible for making their own room reservations by using the enclosed Hotel Accommodation Form, which should be faxed or sent to the Secretariat.

Call for abstracts

Rapid Methods Europe 2007 issues a call for abstracts, inviting the submission of abstracts to two categories:

- call for contributed papers (oral presentation);
- call for posters.

Interested participants are strongly encouraged to submit one-page abstracts for papers and posters not later than 15 December 2006. The members of the Organising Committee will evaluate the abstracts and inform the participants of the form in which their presentation will be included in the conference programme (i.e., oral presentation or poster) not later than 31 December 2006.

Business opportunities

The following business opportunities exist at Rapid Methods Europe 2007: **Exhibition:** Parallel to the conference an instrument & manufacturers exhibition will be organised in which presentations of equipment, products and services related to rapid methodology are given. Participants of the conference have ample opportunity to visit the exhibition during the various breaks.

Companies having an exhibition stand are given the opportunity for:

- oral presentations in the 'spotlight presentations theatre' on Monday 29 and Tuesday 30 January 2007;
- workshops & demonstrations on Tuesday 30 January 2007.

Sponsoring: Sponsoring opportunities covering lunches, evening functions and conference programme material also exist.

Companies and organisations interested in having an exhibition stand or sponsoring Rapid Methods Europe 2007 are invited to contact the Secretariat.

Matchmaking event

Rapid Methods Europe 2007 organises a matchmaking event, the best opportunity to meet companies and research institutes throughout Europe to identify possibilities for international R&D co-operation. See separate section of this brochure for details.

Internet

The latest programme details of Rapid Methods Europe 2007 can be found at: www.bastiaanse-communication.com.

Language

English will be the official language at Rapid Methods Europe 2007.

Secretariat

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It may be necessary for reasons beyond the control of the organisers to alter the content and timing of the programme or the identity of the speakers.