

12th Biological and Environmental Reference Materials (BERM) Symposium

Symposium Programme (Provisional)

TUESDAY 7 JULY

| Time | Event |
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| 17:00-18:00 | Registration |
| 18:30-19:30 | Reception |
| 20:00 | Dinner |

WEDNESDAY 8 JULY

| Time | Event |
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| 08:00-09:00 | Registration |
| 09:00-10:30 | Opening Ceremony <i>(Chair: Mike Sargent, LGC)</i> <ul style="list-style-type: none"> ▪ Welcoming Addresses from: <ul style="list-style-type: none"> ▪ UK Science Minister ▪ David Richardson (LGC Chief Executive) ▪ Expectations and Impact of Reference Materials in Measurement and Testing (<i>Hendrik Emons, IRMM</i>) |
| 10:30-11:00 | Coffee |
| 11:00-12:30 | Plenary Session <i>(Chair: Steve Wise, NIST)</i> <ul style="list-style-type: none"> ▪ The Essential Relationship between Global Metrology and the Production of Reference Materials (<i>Robert Kaarls, CCQM</i>) ▪ Reference Materials and Accreditation: an International Perspective (<i>Marie Walsh, ILAC</i>) ▪ Developments in International Standardisation Related to Reference Materials (<i>Ales Fajgelj, IAEA</i>) |
| 12:30-13:30 | Lunch |
| 13:30-15:00 | Parallel Sessions <ul style="list-style-type: none"> ▪ Session 1: International Metrology and Cooperation (<i>Co-Chairs: Robert Kaarls, CCQM and Ales Fajgelj, IAEA</i>) ▪ Session 2: QA/QC, Proficiency Testing and Use of Reference Materials (<i>Co-Chairs: Marie Walsh, ILAC and Roger Wood, FSA</i>) |
| 15:00-16:30 | Tea and Poster Sessions |
| 15:30-18:00 | Parallel Sessions (Continued) <ul style="list-style-type: none"> ▪ Session 3: International Metrology and Cooperation ▪ Session 4: QA/QC, Proficiency Testing and Use of Reference Materials |
| 18:00-19:30 | Social Event (<i>Optional</i>) |
| 20:00 | Dinner |

THURSDAY 9 JULY

| Time | Event | |
|-------------|---|---|
| 09:00-10:30 | Plenary Session (Chair: Hendrik Emons, IRMM) | <ul style="list-style-type: none"> ▪ Biological Standards and Reference Materials (<i>Adrian Bristow, NIBSC</i>) ▪ The Role of Reference Materials to Aid Validation in Forensic and Clinical DNA Analyses (<i>John Butler, NIST</i>) ▪ Analysis and Fate of Pharmaceuticals and Their Degradation Products in Water and Sludge by LC Hybrid MS Systems (Q-LIT and Q-TOF) (<i>Damià Barceló, IIQAB-CSIC</i>) |
| 10:30-11:00 | Coffee | |
| 11:00-12:30 | Parallel Sessions | <ul style="list-style-type: none"> ▪ Session 5: Environment and Energy (Co-Chairs: <i>Scott Willie, NRC-CNRC and Koichi Chiba, NMIJ</i>) ▪ Session 6: Health, Medicine and Forensic (Co-Chairs: <i>Adrian Bristow, NIBSC, John Butler, NIST and Mauro Pantegheni, IFCC</i>) |
| 12:30-13:30 | Lunch | |
| 13:30-15:00 | Parallel Sessions (Continued) | <ul style="list-style-type: none"> ▪ Session 7: Environment and Energy ▪ Session 8: Health, Medicine and Forensic |
| 15:00-16:30 | Tea and Poster Sessions | |
| 16:30-18:00 | Parallel Sessions (Continued) | <ul style="list-style-type: none"> ▪ Session 9: Environment and Energy ▪ Session 10: Health, Medicine and Forensic |
| 19:00 | Symposium Dinner | |

FRIDAY 10 JULY

| Time | Event | |
|-------------|---|---|
| 09:00-10:30 | Plenary Session (Chair: Robert Kaarls, CCQM) | <ul style="list-style-type: none"> ▪ Development and Certification of Food Reference Materials (<i>Steve Wise, NIST</i>) ▪ Role of Reference Materials in Food Regulation and Safety (<i>Roger Wood, UK Food Standards Agency</i>) ▪ The Broader Picture – Looking Backwards and Forward to Reference Materials (<i>Andrée Lamberty, IRMM</i>) |
| 10:30-11:00 | Coffee | |
| 11:00-12:30 | Parallel Sessions | <ul style="list-style-type: none"> ▪ Session 11: Food (Co-Chairs: <i>Steve Wise, NIST and Fangdi Wu, NIM</i>) ▪ Session 12: Reference Materials – Challenges and Trends (Co-Chairs: <i>Ulrich Panne, BAM and Steve Wood, LGC</i>) |
| 12:30-13:30 | Lunch | |
| 13:30-15:30 | Parallel Sessions (Continued) | <ul style="list-style-type: none"> ▪ Session 13: Food ▪ Session 14: Reference Materials – Challenges and Trends |
| 15:30-16:00 | Tea | |
| 16:00-17:30 | Closing Ceremony (Chair: Mike Sargent, LGC) | <ul style="list-style-type: none"> ▪ Reference Materials: Looking into the Crystal Ball (<i>Ulrich Panne, BAM</i>) ▪ Poster Awards ▪ Overview and Conclusions from BERM12, Plans for BERM13 (<i>Mike Sargent, LGC</i>) |