

DR ROGER BROWN - PUBLICATION AND LECTURE LIST

1. **L11-040 Sample Probes for Droplet and Gas Sampling in Narrow Ducts: EU Patent 12161508.2-1234 Dr Roger S Brown & R Pearce**
2. **L11-041 Simple Infra Red Spectrophotometer for Measuring Liquid Catch from Oil Breather Emissions: EU Patent 12161510.8-1234 Dr Roger S Brown & R Pearce**
3. **Measurements of Filterable Particulate Emissions from Gas Turbines, T Wood, R.E. Pearce, Norbert Klippel, R S Brown; Presented at Power Gen International, Las Vegas 2003.**
4. **Trace Organics & Heavy Metal Sampling, Leeds University Short Course on stack emission testing in the UK March 2001.**
5. **Chairman of the Source Testing Association Technology Transfer Seminar at Burton on Trent February 2001**
6. **Source Testing Association IPPC Monitoring the Future Road Show: Darlington & Birmingham November 2000.**
7. **The Role of Proficiency Testing Schemes in Trade Associations, VAM Seminar, November 2000 Runcorn**
8. **Leeds University Short Course on stack emission testing in the UK March 2000.**
9. **Chairman for the IBC conference/workshop on Volatile Organic Species Birmingham March 2000.**
10. **Environmental Technology Best Practice program on VOC assessment and monitoring Solihull February 2000**
11. **Monitoring Issues For Europe: New CEN Dioxin Standards, Source Evaluation Society Conference, Florida March 2000 (Keynote Speaker)**
12. **Air Quality Issues; IBC Conference, London November 1999**
13. **Editorial Chairman STA for CEM 1999 conference; Warwick 1999**
14. **Sampling and Analysis Techniques for VOC Emissions, Eighth IBC Conference on Volatile Organic Compounds, London 1999 (Speaker & Chairman)**
15. **Sampling and Analysis Techniques for VOC Emissions, Seventh IBC Conference on Volatile Organic Compounds, London 1998 (Speaker & Chairman)**
16. **Emission Monitoring: A Matter of Compliance; IBC Incineration Technology Conference, Amsterdam September 1998**
17. **Testing time for STA Members - testing towards the new millenium STA Communicator Jan 1998, Industrial Environment Management.**
18. **Developments in Mobile Laboratory Technologies for Compliance Assessment, January 1998 Source Testing Association at Ceram Research**
19. **Continuous Emission Monitoring and Calibration, UK Environment Agency Seminar Birmingham November 1997.**
20. **Solutions for Fugitive Emissions: Maximising the Tools for the Control of emissions: IBC Conference at Strand Palace Hotel November 1997.**
21. **Chemical Principles of Environmental Pollution, Analysis and Monitoring of Pollutants: B.J. Alloway & D.C. Ayres p108-113, 2nd Ed. 1997.**

DR ROGER BROWN - PUBLICATION AND LECTURE LIST Cont.

22. **Sampling and Analysis Techniques for VOC Emissions: IBC Sixth Conference on Volatile Organic Compounds, Birmingham 1997.**
23. **Health and Safety Audits for Stack Sampling: The Practicalities: Source Testing Association 1996 & 1997**
24. **Expert Briefing: The A to Z of Monitoring, Meeting the Environmental Challenge in 1996 Conference, Environmental Technology Exhibition, NEC March 1996 (Speaker & Chairman).**
25. **A lecture on Compliance Testing & IPC regulations at Brunel University as part of an MSc Course for Students October 1995.**
26. **Compliance Monitoring - The 4th International Incineration Technology Equipment Course: IBC Manchester, October 1995. Equipment Selection and Operation Training.**
27. **Expert Briefing: VOCs the Complete Guide to Monitoring, Environmental Technology Exhibition, NEC March 1995.**
28. **Sampling and Analysis Techniques for VOC Emissions, Fourth IBC Conference on Volatile Organic Compounds, London 1995.**
29. **Flue Gas Analysis - The 3rd International Incineration Technology Equipment Course: IBC Manchester, October 1994. Equipment Selection and Operation Training.**
30. **Extractive Sampling for Particulates- Environmental Monitoring Land, Air and Water; a short course. Sunderland University 1994.**
31. **Extractive Sampling Techniques for Gaseous Pollutants - Environmental Monitoring Land, Air and Water; a short course. Sunderland University 1994.**
32. **Industrial Air Monitoring: Answers When you Need Them; Or Why Build a Mobile Emissions Laboratory? - Improving the Urban Environment, UETP-EEE Annual Conference, London June 1994.**
33. **Expert Briefing: VOCs the Complete Guide to Monitoring Environmental Technology Exhibition, NEC March 1994.**
34. **Emissions Monitoring and Incineration: The Facts - Industrial Air Emissions Monitoring Conference, Monitor 93, Manchester, October 1993.**
35. **Flue Gas Analysis - The 2nd International Incineration Technology Equipment Course: Manchester, October 1993. Equipment Selection and Operation Training.**
36. **Incineration Technology Selection Course - University of Sunderland 1993.**
37. **The A to Z of Monitoring: Environment Technology 93 Conference, Environment Business NEC March 1993.**
38. **Monitoring Incinerator Emissions for the Process Guidance Notes: South East Region EH0 November 1991.**
39. **Lecture Series on the Effects of the Environmental Protection Act on Roadstone Plants on behalf of BACMI: 1991.**
40. **NSCA: Monitoring Technology, South Wales Division. September 1 992.**
41. **Assessment of Emissions: R S Brown. Questor: Hazardous Waste Management Conference September 22-24 1992: Queens University Belfast.**

DR ROGER BROWN - PUBLICATION AND LECTURE LIST Cont.

42. DB5 Capillary Column: The Search for Selectivity. K Pettit, R S Brown and P W Jones *Chemosphere*, 23, (8-10), 1117-1123.
43. Thermal Desorption Gas Chromatography: A Quick Screening Technique for Polychlorinated Biphenyls. R S Brown, K Pettit, D Price and P W Jones. *Chemosphere*, 23, (8-10), 1145-1150.
44. DB5 Capillary Column: The Search for Selectivity. K Pettit, R S Brown and P W Jones. (Paper presented Dioxin 90 Bayreuth symposia)
45. Thermal Desorption Gas Chromatography: A Quick Screening Technique for Polychlorinated Biphenyl's. R S Brown, K Pettit, D Price and P W Jones. (Paper presented Dioxin 90 Bayreuth Symposia)
46. A study into the Parameters Affecting the Selected Reaction Monitoring of 2,3,7,8-TCDD. R S Brown, K Pettit, P W Jones and D E Games. *Chemosphere*, 20, (10-12), 1393-1399.
47. Incineration: The British Experience R S Brown, K Pettit, K Mundy, P W Jones and W Noble. *Chemosphere* 20, (10-12), 1785 1791, 1990.
48. A study into the Parameters Affecting the Selected Reaction Monitoring 2,3,7,8-TCDD. R S Brown, K Pettit, P W Jones and D E Games. (Paper presented Dioxin 89 Toronto symposia).
49. Incineration The British Experience. R S Brown, K Pettit, K Mundy, P W Jones and W Noble (Paper presented Dioxin 89 Toronto symposia).
50. Quantification of 2,3,7,8-TCDD by High Resolution GC-MS. K Pettit, R S Brown and P W Jones, Intern, J Environ. Anal Chem 38, 135-141, 1989.
51. Quantification of 2,3,7,8-TCDD by High Resolution GC-MS. K Pettit, R S Brown and P W Jones, *Advances in Mass Spectrometry Vol 11 B*, Heyden, 1290-1291, 1989.
52. Quantification of 2,3,7,8-TCDD by High Resolution GC-MS. K Pettit, R S Brown and P W Jones, (11 th IUPAC Int Mass Spec meeting Bordeaux 1988).
53. A GC/GC-MS Study of 2,3,7,8-TCDD using a D6-225 Column and selected decomposition monitoring as a quantitative tool. R S Brown, K Pettit and P W Jones. *Chemosphere* 1989,
54. Measurement of PCDDs and PCDFs in Environmental Samples near a Chemical Waste Incinerator P W Jones, R S Brown, K Mundy and K Pettit *Chemosphere* 1989, 381-386.
55. A GC/GC-MS Study of 2,3,7,8-TCDD using a DB-225 Column and selected decomposition monitoring as a quantitative tool. R S Brown, K Pettit and P W Jones. (Dioxin 88, Umea Sweden accepted paper)
56. Measurement of PCDDs and PCDFs in Environmental Samples near a Chemical Waste Incinerator P W Jones, R S Brown, K Mundy and K Pettit (Dioxin 88, Umea Sweden accepted paper)
57. Attomole Detection and Peak Match Routine tackle FAB. *Kratos Analytical News No 27*, 1, 1987.
58. Butyl Nitrite: A Novel Chemical Ionization Reagent Compound. J H Moncur, R S Brown, S Ibrahim and J M Wilson. *Rapid Communications in Mass Spectrometry, Vol 2(4)*, p77, 1988.
59. Developments in High Mass Ionization and Detection Systems. A E Ashcroft, R S Brown, A Coles, S Evans, D J Milton, B Wright. *Spectroscopy Vol 3*, (2), 1988.
60. Latest Developments in High Mass Ionization and Detection Systems. A E Ashcroft, R S Brown, A Coles,

DR ROGER BROWN - PUBLICATION AND LECTURE LIST Cont.

61. S Evans, D J Milton, B Wright. High Mass Fab Workshop ASMS Boston USA. 1987.
62. Applications of Continuous Flow FAB-MS and LC-FAB-MS. R S Brown, A E Ashcroft, J R Chapman. 16th Meeting of the BMSS, University of York, 1987.
63. Latest Developments in High Mass Ionization and Detection Systems. A E Ashcroft, R S Brown, A Coles, S Evans, D J Milton, B Wright. High Mass Fab Workshop ASMS Boston USA. 1987.
64. Applications of Continuous Flow FAB-MS and LC-FAB-MS. R S Brown, A E Ashcroft, J R Chapman. 16th Meeting of the BMSS, University of York, 1987.
65. Applications of a Continuous Flow Probe in FAB Mass Spectrometry. R S Brown, A E Ashcroft C Moore,
66. M Barber, L Tetler. (Organic Mass Spectrometry, 22, 647-650, 1987)
67. Applications of Continuous Flow FAB-MS and LC-FAB-MS for the study of Non Polar, Thermally Labile Molecules. R S Brown, A E Ashcroft, G Elliot, M Barber, L W Tetler. A.S.M.S. Denver 1987.
68. Reaction of Nitrile Oxides with Phenylsulphinylpropa-1,2-diene & 1-Phenylthioprop-2-ene. New Routes to functionalised α , β -unsaturated ketone equivalents. R S Brown, S C Eyley, P J Parsons, Synth. Commun. 1985, 15(7), 633.
69. New routes to 1,3-dienes. allylic alcohols and α , β -unsaturated ketones. R S Brown, S C Eyley, P J Parsons. Journal of the Chemical Society, Chemical Communications 1984(7), 438.