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<th>Institution</th>
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<tr>
<th>Name</th>
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John Travis joined NBS/NIST after earning his Ph.D. in physics from the University of Texas in 1967. His research generated over 85 papers in Mössbauer spectroscopy, applications of tunable lasers to chemical analysis, Fourier transform spectroscopy, atomic emission and molecular absorption spectrometry. He retired in October of 2004, becoming an Emeritus Scientist pursuing intrinsic standards for molecular absorption spectrometry.

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Chapter B.4, Sect. 4.1

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Chapter B.4, Sect. 4.1

Thomas Vetter is an inorganic analytical chemist at NIST. Over the past 25 years at NIST he has assayed major constituents in numerous Standard Reference Materials by gravimetry coupled with instrumental techniques and by gravimetric titrimetry. In addition, over the past 15 years, he has promoted a step-wise quantification of measurement uncertainty to improve measurement quality.

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Chapter D.15, Sect. 15.1.2

Volker Wachtendorf obtained his diploma in chemistry from the Technical University of Clausthal, Germany, where he also achieved his doctor’s degree with a thesis on the monitoring of the ageing of polymers using chemiluminescence. The practical part of his thesis already was done at the Federal Institute for Materials Research and Testing (BAM) in Berlin, Germany, where he currently heads the working group Weathering Stability of Polymers. His interests are in the fields of weathering exposure, ageing of polymers and its analytics in early stages of exposure.

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Chapter A.2

Professor Wallard has been Director of the International Bureau of Weights and Measures (BIPM) since January 2004. The BIPM’s task is to ensure uniformity of measurements world-wide and has interests in physics, engineering, chemistry, laboratory medicine and other areas in which traceable measurement is important. Professor Andrew Wallard has left the BIPM as of 31 December 2010, and is now Director Emeritus of the BIPM.
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Chapter C.10, Sect. 10.1

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Chapter B.4, Sect. 4.1

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Chapter D.15, Sect. 15.3

Professor Ulf Wickström is Heading the Department of Fire Technology at the Swedish National Testing and Research Institute (SP). The department has a staff of about 50 involved in fire testing and research and is one of the leading laboratories of its kind in the world. Professor Wickström has a PhD from the Lund University of Technology (1979) in Fire Technology, a Master of Science from University of California (1977), Berkeley. Professor Wickström’s special scientific interest is heat transfer analysis of structures exposed to fire where he has published several scientific papers. Among other things he has developed the computer code TASEF for calculating temperature in fire exposed concrete and steel structures.

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Chapter C.7, Sect. 7.1

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Chapter B.4, Sect. 4.2

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Chapter B.4, Sect. 4.1

Dr. Michael Winchester has been a Research Chemist at NIST for over twenty years (first two years as a National Research Council Postdoctoral Fellow). His research focuses mainly on plasma source atomic spectroscopy. He is also involved in the production and certification of Standard Reference Materials. Dr. Winchester earned the PhD in Analytical Chemistry from Clemson University in 1990.

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Chapter C.11, Sect. 11.6

Dr. Noboru Yamada graduated from Kyoto University and entered the Central Research Laboratory of Matsushita Electric in 1974. He first found an epoch-making phase-change in GeTe–Sb2Te3 in 1987 and developed DVD-RAM media in 1998. He obtained his Ph.D. in engineering from Kyoto University in 2001 and received the Matsushita science prize in 2001 and 24th JJAP Paper Award from the Japan Applied Physics Society in 2002.
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Dr. Rolf Zeisler joined NIST in 1978 with his degree from the Technical University, Munich, Germany (1974) on instrumental neutron activation analyses of tissues and their application to investigations of metallosis. Activation analysis formed the core of his research, expanding the technique’s applications in the life sciences and in chemical metrology. Post doctoral studies at Texas A&M University, assignment to the IAEA Laboratories, Austria, and many collaborations allowed him to explore the various forms of nuclear based analysis.

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Adolf Zschunke was head of the department Analytical Chemistry; Reference Materials at the Federal Institute for Materials Research and Testing (BAM) and Professor of Analytical Chemistry at the Humboldt-University in Berlin, Germany. He was chairman of the international working group on Reference Materials of EURACHEM, EUROLAB, EUROMET and ÉA. He retired in 2002. He is still member of Executive Committee of EURACHEM.
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