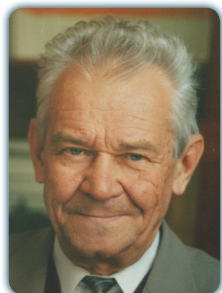


5th International Conference and Exhibition on Analytical & Bioanalytical Techniques

August 18-20, 2014 DoubleTree by Hilton Beijing, China



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Some trends in analytical chemistry development

Twelve trends in analytical chemistry are considered, mostly general ones: movement towards out-of-laboratory, speciation, non-destructive analysis, automatization and miniaturization, pattern recognition, moving towards more active application of achievements of physics or biochemistry. Directions of the changes in analytical techniques, e.g. their hybridization, are also discussed. There are changes even in analytical community and approaches to education.

Biography

Dr. Yuri A Zolotov has received his Candidate of Sci. and Dr. of Sci. degrees from Vernadskii Institute of Geochemistry and Analytical Chemistry. He was elected as a full member of the Russian Academy of Sciences and President of Mendeleev Russian Chemical Society. Professor Zolotov has published more than 600 papers and about 30 monographs in analytical chemistry and liquid-liquid extraction. He has received many national and international awards and has been invited to give plenary and keynote lectures at many scientific conferences. Dr. Zolotov is a head of analytical chemistry department of Moscow University.

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