

Welcome to the 12th International Conference on Flow Analysis in Thessaloniki, Greece

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The 12th International Conference on Flow Analysis, “Flow Analysis XII” is a five-day scientific meeting, covering all areas of modern trends and applications of chemical analysis in flow processing.

Flow techniques, in their many forms, encompass a broad spectrum of analytical chemistry, and are used to enhance the capabilities of numerous other measurement techniques. They are used to perform almost all types of wet chemical operations and analyses including techniques based on continuous flow, segmented flow, intermittent flow, stopped flow and microflow on a chip. Flow analysis enables fast, precise and low-cost measurements, using small amount of samples with low reagent consumption, in accordance to the goals of green chemistry. It minimizes operator error, allows multiple analyses, can be miniaturized, and is readily automated. Undoubtedly flow methods have been recognized as excellent tools for solution management.

Although the flow methods were introduced in the middle of 50s, the great “explosion” happened in the middle of 70s with the introduction of “Flow Injection Analysis” by J. Ruzicka and E.H. Hansen. The International Flow Analysis Conference is an important venue for fostering interactions and novel developments in this area, and the reporting of the latest worldwide research, including theory of flow analysis, instrumentation development (which includes new detectors and hybrid systems), and applications in environmental, industrial, clinical and bio analysis.

The first International Conference, Flow Analysis I, was organized in 1979 by Gerrit den Boef, along with Willem van der Linden and B. Griepink, and

held in Amsterdam, The Netherlands, September 11–13, in response to the renaissance in flow analysis techniques that followed the development of flow injection analysis. These Flow Analysis conferences continue up today almost every 3 years. The previous conferences were held in many important places all over the world (Amsterdam, the Netherlands 1979; Lund, Sweden, 1982; Birmingham, UK, 1985; Las Vegas, NV, USA, 1988; Kumamoto, Japan, 1991; Toledo, Spain, 1994; Piracicaba, Brazil, 1997; Warsaw, Poland, 2000; Geelong, Australia, 2003; Porto, Portugal, 2006; Mallorca, Spain, 2009), reflecting the excitement, enthusiasm, and ingenuity of researchers, practitioners, and manufacturers in flow-based analysis.

The 12th International Conference on Flow Analysis, “Flow Analysis XII” will be held in Thessaloniki, Greece on September 23-28, 2012. The event will be organized by the Laboratory of Analytical Chemistry of Aristotle University and the Aristotle University of Thessaloniki (AUTH) with the cooperation of Japanese Association for Flow Injection Analysis (JAFIA) and Thai Association for Flow-based Analysis (Thai-AFA).

On behalf of the Organizers it is our great pleasure to invite you to participate in the Flow Analysis XII. We feel confident that it will be an exciting forum of advances in the field of flow analysis and you will enjoy the Conference not only from scientific point of view but also from the social one.

Webpage of Flow Analysis XII Conference:
<http://flowanalysis12.web.auth.gr/>
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