



Second International ETH-Workshop on

Nanoparticle Measurement

7. August 1998

Nano-particulate Emissions

Measure - Evaluate - Limit

The calendar is full of dates for relevant technical conferences. These address the many aspects of environmental technologies and emissions from combustion engines.

Nevertheless, there are many unanswered questions pertaining to nano-particulate emissions from combustion engines. Close collaboration is urgently required between scientists, engineers and doctors. Thus, effective solutions can be quickly found.

The scope of the 2nd ETH-Workshop on nano-particulate measurement technology reflected the great interest in this topic. These are the proceedings of the workshop. Compared to the first workshop 1997, the number of participants and contributions doubled. Many research institutes, the engine manufacturers and the fuel suppliers were represented. An impressive number of delegates came from the occupational health and environmental authorities. All participated actively in the discussions.

A list of open issues was prepared at the beginning of the first workshop. Many questions remain unanswered. However, there is increasing clarity in the interpretation of the results and the evaluation of the measurement methods. This process must continue. The third workshop is scheduled for August 10, 1999. We extend an invitation to the next workshop in Zurich.

The European Commission formulated a plan in its Tender III/98/039. The main goal is to study the toxic effects of particulate emissions and the test methods. Another goal is "establishing of an informal network for the sharing of information and encouraging of discussion on these emissions". The ETH "Nano-particulate Measurement" workshops are already such a network. The next workshop could explore the EC goals pertaining to nano-particulate emissions.

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