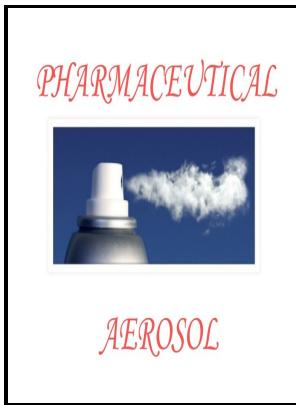


Aerosols in science, medicine, and technology - physical and chemical properties of aerosols

Association for Aerosol Research - Aerosols in science, medicine and technology. Aerosols in and from industrial processes. The Annual Conference of the Association for Aerosol Research (Gesellschaft für Aerosolforchung)



Description: -

- Automation -- Economic aspects -- United States.
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- Robbery -- United States.
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- Aerosols -- Congresses.
- Aerosols in science, medicine, and technology - physical and chemical properties of aerosols
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Notes: Includes bibliographical references and index.

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Physical and Chemical Properties of Aerosols by Ian Colbeck, Hardcover

Evolution of brown carbon in wildfire plumes. The uptake and subsequent reactions of α -dicarbonyl gases with ammonium and amino containing aerosols has seen recent interest.

Aerosols

Together the findings indicate that playing woodwind and brass instruments generates less aerosol than vocalising at high volume levels.

Physical and Chemical Properties of Aerosols by Ian Colbeck, Hardcover

This monograph is intended to serve scientists and engineers who are concerned with the underlying principles of aerodynamic and physical chemical behavior of aerosols, and could also be used as a text for graduate students in specialized courses on aerosol or colloid chemistry, atmospheric processes, and chemical, mechanical, or environmental engineering. Concentrations of aerosol emissions from the musicians during breathing and vocalising were consistent with results from a study carried out last year of a large group of professional singers.

Open questions on the physical properties of aerosols

The work was carried out in an environment with no background aerosol particles to complicate measurement interpretation, with nine musicians playing 13 woodwind and brass instruments.

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