DESCRIPTION

The aim of Advanced Powder Technology is to meet the demand for an international journal that integrates all aspects of science and technology research on powder and particulate materials. The journal fulfills this purpose by publishing original research papers, rapid communications, reviews, and translated articles by prominent researchers worldwide.

The editorial work of Advanced Powder Technology, which was founded as the International Journal of the Society of Powder Technology, Japan, is now shared by distinguished board members, who operate in a unique framework designed to respond to the increasing global demand for articles on not only powder and particles, but also on various materials produced from them.

Advanced Powder Technology covers various areas, but a discussion of powder and particles is required in articles. Topics include: Production of powder and particulate materials in gases and liquids (nanoparticles, fine ceramics, pharmaceuticals, novel functional materials, etc.) Aerosol and colloidal processing Powder and particle characterization Dynamics and phenomena Calculation and simulation (CFD, DEM, Monte Carlo method, population balance, etc.) Measurement and control of powder processes Particle modification Communion Powder handling and operations (storage, transport, granulation, separation, fluidization, etc.)

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