

Foreword

Welcome to the Thirteenth International Colloquium on Dust Explosions and the Eighth Colloquium on Gas, Vapor, Liquid and Hybrid Explosions. These two colloquia jointly form the Seventh International Symposium on Hazards, Prevention, and Mitigation of Industrial Explosions (7th ISHPMIE).

The dust explosion colloquium was initially held in Poland: Baranow (1984), Jadwisin (1986), Szczyrk (1988), Porabka-Kozubnik (1990), and Pultusk (1993). Subsequent colloquia were held in Shenyang, China (1994), Bergen, Norway (1996), Schaumburg, USA (1998), Tsukuba, Japan (2000), Bourges, France (2002), Cracow, Poland (2004), Halifax, Nova Scotia, Canada (2006).

The International Specialist Meeting on Fuel-Air Explosions was initiated in 1981 and held in Montreal, Canada. A second and similar meeting was held in Bergen in 1996 in conjunction with the Seventh International Colloquium on Dust Explosions. The two meetings in Bergen occurred under the name of the International Symposium on Hazards, Prevention, and Mitigation of Industrial Explosions (ISHPMIE). This tradition of joint colloquia under the ISHPMIE banner has continued through the symposia in Schaumburg, Tsukuba, Bourges, Cracow, Halifax, and now in St. Petersburg.

The Seventh ISHPMIE is aimed at bringing together researchers, engineers, and practitioners dealing with a variety of potential hazards that can lead to industrial explosions of dusts, gases, vapors, liquids, and hybrid mixtures. The presentations cover a range of prevention and mitigation strategies from several perspectives — relevant fundamental studies including experimental and modeling efforts, practical applications, and investigations of actual accidents.

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