**Short bio**

Ernesto Salzano is a researcher of Italian National Research Council since 1993, after his degree from University of Napoli in 1991 and a two-year experience in a private company. His main scientific and technical activities are in the field of industrial safety: gas and dust explosion (experiments and modeling, Computational Fluid Dynamic) and industrial risk assessment, on the specific aspects of external events (Natural disaster, Domino effects, Security).

He is authors of several papers on international journals and books and is associate editor of Journal of Loss Prevention. He leads an experimental lab for safety parameters of flammable substances at high pressure and collaborates with several private and public institutions as University of Bologna, Fike (B), BakerRisk (TX), ENI, and others. From 2012 he has been appointed as adjunct professor at University of Napoli.