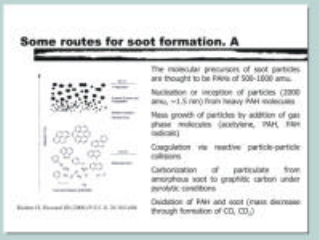
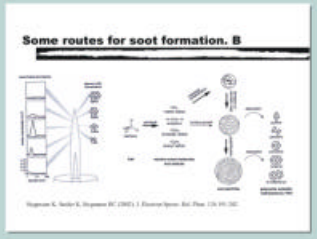
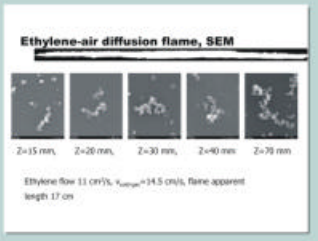
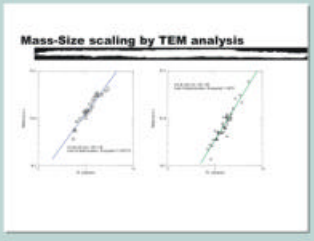
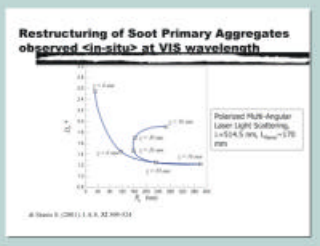
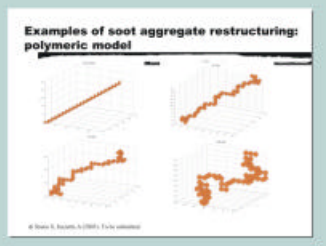
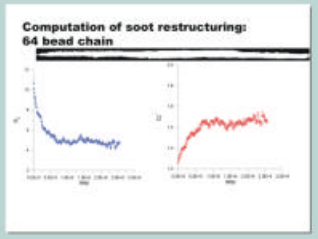
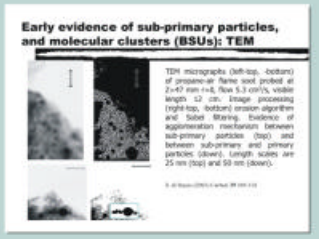
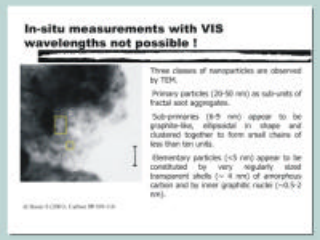
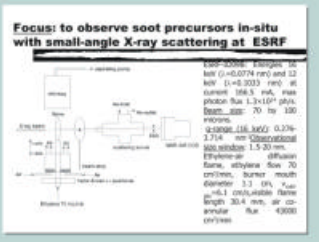
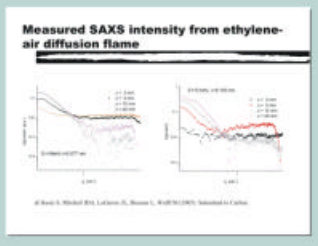
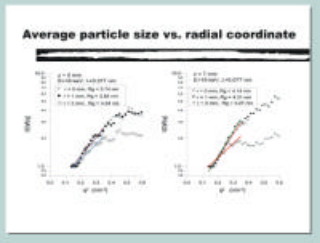
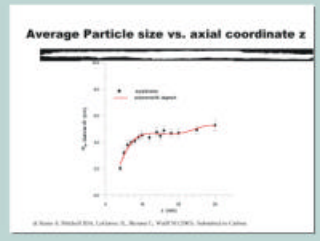
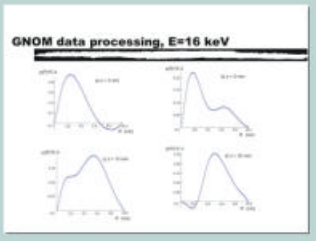
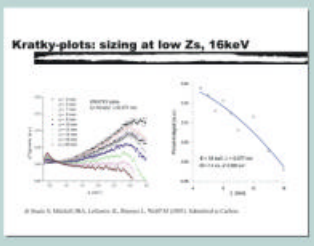
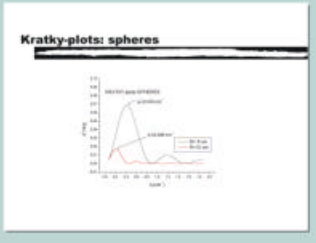
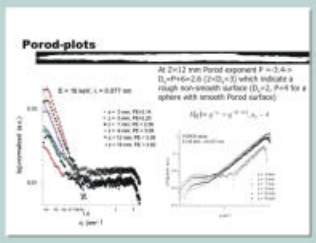
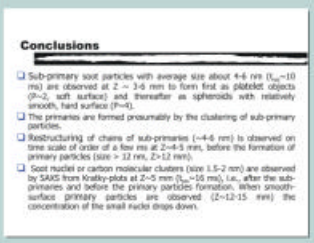
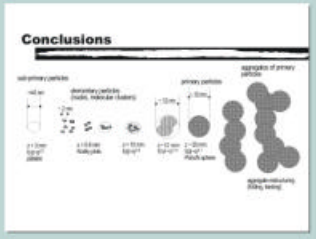
SAXS in-situ identification of three different size modes for soot nanoparticles in an ethylene-air diffusion flame

di Stasio S.[1], J.B.A. Mitchell J.B.A.[2], LeGarrec J.L.[2], L. Biennier L.[2], Wulff M.[3], Kong Q.[3]

[1] Istituto Motori C.N.R., Aerosol and Nanostructures Laboratory, Via Marconi 8 80125 Napoli, Italy
[2] Physique des Atomes, Lasers, Molecules et Solid PALMS-CNRS, University of Rennes I, France
[3] ESRF-ID09B Beamline, Grenoble, France