**AEROSOL TECHNOLOGY 2015  
ABSTRACT CLASSIFICATION FORM**

**Title of abstract (please copy line by line from your abstract):**      **Authors (please copy line by line from your abstract):**

**Presentation speaker**

**Presentation preference:  Oral  Poster**

**Contact author:  
Mr.  Mrs.  Ms.  Prof.  
Last name:**       **First name:**       **Organization:**       **Address:**       **City:**       **Postal Code:**       **Country:**       **Phone:**       **E-mail:**      

**Group 1  
Material synthesis & structuring via**

**aerosol/gas phase processes  
  Flames  
  Plasmas, spark discharges  
  CVD  
  CNTs  
  Particle surface coatings**

**Fundamentals of particle formation, dynamics, sintering  
 Charging & electrical charge based manipulation of aerosols  
  
Group 2  
 Workplace aerosols: Particle release mechanism and exposure assessment  
 Aerosol transport & deposition in large spaces and its simulation**

**Dispersion & re-suspension of dry particles**

**Spray technologies for industrial and consumer products**

**Pharmaceutical aerosols: formulation pulmonary delivery and delivery systems**

**Bioaerosols**

**Aerosol generation & delivery systems for exposure and in-vitro toxicological studies**

**Electrosprays: basics & applications**

**Combustion aerosols: Particle formation & characterization**

**Filtration & personal protection devices: design, performance & testing**

**Group 3  
Aerosol measurement techniques & particle characterization  
  (On-line) environmental aerosol characterization  
  (On-line) workplace aerosol characterization  
  Electrical mobility based & hybrid techniques  
  Aerosol surface area: definition & measurement  
  (On-line) structural & functional analysis of nanoparticles (Agglomerate structure, surface roughness, small angle scattering, coating, impact fragmentation..)  
  (On-line) bio-aerosol sampling and characterization**

**Instrument development and intercomparisons**

**Fibrous aerosol particles: Laboratory generation & on-line characterization**