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Professor Alexis Coppalle is teaching at INSA (National Institute of Applied Sciences). He is responsible of the cursus and courses "safety engineering and fire-structures" in the civil department. He has several collaborations (joint supervision of doctoral students) with the Institute of Radiation Protection and Nuclear Safety (IRSN), as well as society Efectis in the field of fire safety. He worked on the effects of soot particles on the spread of fire. He is an expert in the field of aerosol measurements and characterization of soot particles in the flame zone, in the exhaust of combustion systems or in the plumes of fire. With the Central Laboratory of the City Police of Paris (LCPP), it develops tools for fire modeling to strengthen forensic methods. He has collaborations within the European project Aircraft Fire. He was elected Member of the Board of INSA Rouen from 2008 to 2011. Participation in selection committees of Associate Professor or Professor. PhD examiner. Reviewer for journals and symposia with referees: Combustion and Flame, Combustion Science and Technology, Int. J. Thermal Science, Fire Safety Journal, Int. Symposium on Combustion, Int. Symposium on Fire Science. Expert member of the Evaluation Commission of the Ministry Interior for the ministerial authorization to 'fire safety engineering' (Office of fire regulations). He manage the research group on fire of the CNRS (period 2005-2013), and for the next period (2013-2016) (http://perso.ensem.inpl-nancy.fr/Anthony.Collin/GDR2864/)

Recent papers
  J. Yon · R. Lemaire · E. Therssen · P. Desgroux · A. Coppalle · K.F. Ren
- Fire reconstruction and hypothesis validation using comparison points, Thiry, A., Suzanne, M., Bazin, and Coppalle, A., Fire & Explosion Hazard, Leeds, 11 pp, April 2010

Measurement of aggregates' size distribution by angular light scattering
Caumont-Prim, C., Yon J., Coppalle A., Ouf F.-X. and Fang Ren K.

Contribution to the study of particle resuspension kinetics during thermal degradation of polymers

Design and performance of a new device for the study of thermophoresis: The radial flow thermophoretic analyser
Brugière, E., Gensdarmes F., Ouf F.-X., Yon J., Coppalle A. and Boulaud D.
Journal of Aerosol Science, 61, 1-12 (2013) DOI: 10.1016/j.jaerosci.2013.03.001

2D soot concentration and burning rate of a vertical PMMA slab using Laser-Induced Incandescence
Hébert D., Coppalle A., Talbaut M.

Measurement in a wind tunnel of dry deposition velocities of submicron aerosol with associated turbulence onto rough and smooth urban surfaces
Roupsard P., Amielh M., Maro D., Coppalle A., Branger H., Connan O., Laguionie P., Hébert D., Talbaut M.