

Workshop Program

- 09:00 – 09:15 AM** Welcome from organizers, D. Maro, P. Laguionie & O. Connan
- 09:15 – 10:00 AM** Morning opening presentation: atmospheric aerosol fluxes and transport, R. Jaenicke
- 10:00 – 10:25 AM** Coffee/tea break

→ DRY FLUX: MEASUREMENT BY EDDY-CORRELATION METHOD

- 10:25 – 10:45 AM** Analysis of particles and CO₂ fluxes obtained with the eddy-correlation method in a urban area in Italy, D. Contini & A. Donateo
- 10:50 – 11:10 AM** Turbulent aerosol flux measurements in a forest with a fast mixing-type CPC, A. Held, F. Kittler, F. Ditas & B. Wehner

→ DRY DEPOSITION: TRACER MEASUREMENT AND MODELING

- 11:15 – 11:35 AM** Dry deposition of submicron aerosol on a water surface in motion, N. Calec, P. Boyer, M. Amielh, H. Branger & F. Anselmet
- 11:40 – 12:00 AM** Analysis of the current models of aerosol dry deposition, V.N. Piskunov & D.V. Tsaplin

12:00 – 02:00 PM Lunch break (not provided)

→ WET DEPOSITION: WASHOUT PROCESS

- 02:00 – 02:20 PM** Below-cloud scavenging by rainfalls calculated from high temporal resolution in situ measurements, G. Depuydt, O. Masson, J.L. Brenguier, C. Piot & J.L. Jaffrezo
- 02:25 – 02:45 PM** Semi-analytical study of aerosol washout by rain, P. Lemaitre, A. Nuboer, A. Quérel & E. Porcheron
- 02:50 – 03:10 PM** Study of aerosol particle scavenging by rain at microphysical scale in case of a nuclear contamination of the atmosphere and implementation in a dispersion model, A. Quérel, P. Lemaitre, M. Monier, E. Porcheron, A. Flossmann, Y. Roustan & D. Quélo

03:10 – 03:35 PM Coffee/tea break

→ WET VERSUS DRY DEPOSITION

- 03:35 – 03:55 PM** Assessment of dry and wet atmospheric depositions of caesium aerosols in the Fukushima Prefecture, M.-A. Gonze, J.-M. Métivier, C. Murlon & M. Simon-Cornu
- 04:00 – 04:20 PM** Wet and dry deposition of airborne radionuclides in a south location of France, O. Masson, G. Depuydt, A. De Vismes-Ott, P. Paulat & Y. Dimeglio
- 04:25 – 04:45 PM** Contributions of rainout, washout and dry deposition to the total deposition flux of atmospheric radionuclides on urban surfaces, P. Laguionie, D. Maro, P. Rounsard, S. Percot, L. Solier, V. Ruban, M. Rozet, D. Hébert & O. Connan

04:50 – 05:00 PM Closing remarks, D. Maro, P. Laguionie & O. Connan

05:00 – 06:00 PM Informal discussion with traditional Normandy drinks and nibbles