

WORK EXPERIENCE

2002 – CURRENT – Bruxelles, Belgium
PROFESSOR – UNIVERSITÉ LIBRE DE BRUXELLES | ULB

Representative publications

- M.M. Bou Ali, A. Ahadi, D. Alonso, de Mezquia, Q. galand, M. Gebhardt, O. Khlybov, W. Köhler, M. Larrañaga, J. C. Legros, T. Lyubimova, A. Mialdun, I. Ryzhkov, M. Z. Saghir, V. Shevtsova and S. Van Vaerenbergh, Benchmark values for the Soret, thermodiffusion and molecular diffusion coefficients of the ternary mixture tetralin+isobutylbenzene+n-dodecane with 0.8-0.1-0.1 mass fraction, EPJE, 2015.
- Q. Galand, S. Van Vaerenbergh, Contribution to the benchmark for ternary mixtures: Measurement of diffusion and Soret coefficients of ternary system tetrahydronaphtalene-isobutylbenzene-n-dodecane with mass fractions 80-10-10 at 25°C, EPJE, 2015.
- Galand Q., Luhmer M., Van Vaerenbergh S, Diffusion Coefficients in Multicomponent Organic Liquid Mixture Measured by the Open Ended Capillary Technique, High Temperature High Pressure, 2009.
- Jacopo Buongiorno et al, A Benchmark Study on the Thermal Conductivity of Nanofluids, J. Applied Physics, 2009.
- K.Tshinyama, G.Pétre, M.A.Azouni, S. Van Vaerenbergh, Determination of non-equilibrium surface tension gradients in Marangoni thermal flows; application to aqueous solutions of fatty alcohols, FDMP, (2008).
- S. Van Vaerenbergh, M. Hennenberg, B. Weyssow , Determination of the Thermo and Magneto Phoresis by the dissipative function, J. Phys. Chem., 2006.
- S. Van Vaerenbergh, S.R. Corriell, G.B. McFadden, Morphological stability: temperature dependent diffusivity, J. Crystal Growth, (2001).
- J. P. Garandet, J. P. Praizey, S. Van Vaerenbergh, T. Alboussière, On the Problem of natural convection in liquid phase thermotransport coefficients measurements, Physics of Fluids, 1997.
- S. Van Vaerenbergh, J.P. Garandet, J.P. Praizey and J.C. Legros, Reference Soret coefficients of natural isotopes and diluted alloys of Tin, Physical Review E, 1998.
- S. Van Vaerenbergh, J. C. Legros, Kinetic of the Soret Effect: Transient in the Trasport Process, Physical Review A, 1990.

EDUCATION AND TRAINING

Belgium
PHD IN ENGINEERING, TITLE: MESURE DU COEFFICIENT SORET ET ÉTUDE DE SON RÔLE DANS LES PHÉNOMÈNES INTERFACIAUX Y COMPRIS AU VOISINAGE D'UN FRONT DE CRISTALLISATION – Université libre de Bruxelles

LANGUAGE SKILLS

Mother tongue(s): FRENCH | DUTCH
Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user