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#### Education:

- 2010: PhD in Materials Chemistry, University of Littoral Côte d'Opale, Dunkerque
- 2007: Master's degree "DESS" in physical chemistry, University of Paul Verlaine, Metz
- 2006: Master's degree "DEA" in analytical chemistry, University Bretagne Occidentale, Brest
- 2004: Bachelor degree in General Chemistry, Lebanese University, Beirut

#### Professional experiences:

- Starting 2013: Associate professor, LPCA laboratory, Dunkerque, France
  - \* Ionic and electronic conductivity of glasses
  - \* Structural properties of glasses (Raman, HE-XRD, neutron diffraction)
  - \* Potentiometric chemical sensors
- 2012-2013: Post-doc, Interuniversity MicroElectronics Center (imec), Leuven, Belgium
  - \* All solid-state lithium-ion microbattery
  - \* Thin film deposition, electrical and electrochemical measurements
- 2010-2012: Post-doc, LRCS laboratory, Amiens, France
  - \* Calendar ageing of stocked Li-ion batteries
  - \* Ante-mortem et post-mortem analysis of batteries

#### Publications (last 4 years):

- M. Kassem, A. Sokolov, A. Cuisset, T. Usuki, S. Khaoulani, P. Masselin, D. Le Coq, J.C. Neufeind, M. Feygenson, A.C. Hannon, C.J. Benmore, E. Bychkov, J. Phys. Chem. B 120 (23) (2016) 5278
- S. Khaoulani, M. Kassem, S. Fourmentin, E. Bychkov, Journal of alloys and compounds 685 (2016) 752
- M. Kassem, S. Khaoulani, A. Cuisset, D. Le Coq, P. Masselin, E. Bychkov, RSC Advances 4 (2014) 49236
- I. Alekseev, M. Kassem, M. Fourmentin, D. Le Coq, R. Iizawa, T. Usuki, E. Bychkov, Solid State Ionics 253 (2013) 181
- M. Kassem, C. Delacourt, Journal of Power Sources 235 (2013) 159
- M. Milochova, M. Kassem, E. Bychkov, ECS Transactions, 50(12) (2012) 357
- M. Kassem, J. Bernard, R. Revel, S. Pélissier, F. Duclaud, C. Delacourt, Journal of Power Sources 208 (2012) 296
- M. Kassem, D. Le Coq, R. Boidin, E. Bychkov, Journal of Materials Research Bulletin 47 (2012) 193