

**Short Biography:**

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The author completed his Ph.D. in Physics in 1993 from the Université Pierre and Marie Curie in Paris. He was an Assistant Professor at the University of Versailles (1994), then Associate Professor in 1995. He became a full Professor in the same University in 2005. His main field concerns the thermo- and photo-induced phenomena in switchable molecular solids (spin-crossover, Prussian blue analogs and charge transfer solids). He is interested in both equilibrium and non-equilibrium properties accompanying first-order phase transitions. His current work focusses on the experimental control of the front interfaces and their modeling using statistical mechanics models. K.B. has co-authored more than 240 papers in well recognized physics and chemistry journals, including 12 book chapters on physics and guest editions. His h-index is 48 in WOS with more than 8000 citations.

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