

From micro emulsion to fluctuating membranes : a tribute to Professor Pierre Bothorel

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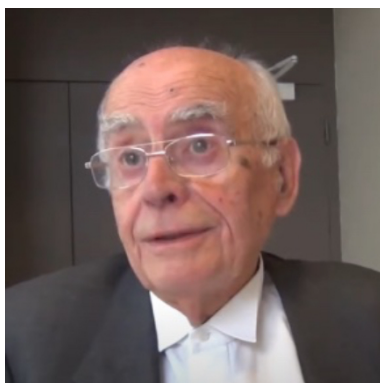
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Pierre Bothorel was one of the founders of the ECIS conferences, together with Mario Corti and Vittorio Degiorgio, in 1987. He was a highly entrepreneurial scientist and also my PhD advisor. When I began working with him, his main field of interest was microemulsions. In this presentation , we describe the motivations that led the scientific community to study microemulsions and how the subject evolved from applications in oil recovery to a deeply fundamental problem in statistical physics: the fluctuations of two-dimensional objects subjected to Brownian motion.

Keywords:

Macroemulsion, fluctuating surfaces, statistical physics



Pierre Bothorel 1930-1924