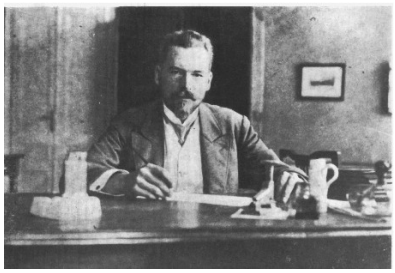

Contribution ID: **59** Type: **poster**

Long distance interaction extended model of RSA

Thursday, 6 September 2018 15:00 (3 hours)

The phenomenon of interfacial adsorption and adhesion can be encountered at every stage of everyday life, from processes at atomic or cellular level to complex industrial processes taking place on a large scale.

Most commonly used models to describe colloidal particles adsorption are classical RSA and ballistic-deposition model. In this study we presented alternative model to describe adsorption process of "haired" colloidal particles. By combining computational models with advanced optical microscopy methods it is possible to investigate the adsorption process in a wide range of times and directly compare experimental data with mathematical model.

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Session Classification: Poster session