



Contribution ID: 341

Type: **Poster**

## **Effect of Cationic ions in mud and Laterite to indigo blue interactions using molecular dynamics simulation**

*Thursday 25 May 2017 17:45 (15 minutes)*

Molecular dynamics simulations of Cationic ions in mud and Laterite, indigo blue molecules and cotton molecules have been carried out to investigate effect of Cationic ions to indigo blue interactions. The results show that appearances of cations improve both indigo blue - indigo blue interaction and indigo blue - cotton interaction. This result obey the experimental results.

**Primary author:** Mr MANEESAI, Keerati

**Presenter:** Mr MANEESAI, Keerati

**Session Classification:** Poster Presentation II

**Track Classification:** Atomic Physics, Quantum Physics, Molecular and Chemical Physics