

Theory Weekly Seminar (TWS)

School of Particles and Accelerators

Lecture Series on

“Critical Curves”

By: Shahin Rouhani, IPM & SUT

Abstract: When two different phases of matter are simultaneously present they meet at a phase boundary or interface. As the temperature (or other macroscopic parameters) approaches the criticality, this boundary becomes scale invariant we have referred to such curves as “critical curves”. In these lectures we will present and discuss certain tools namely Schramm-Loewner Evolution (SLE_k) to describe such critical curves.

Date and Time: On Thursdays for five weeks at 11:00 AM

First Session	Dec 13 th , 2018
Second Session	Jan 10 th , 2019
Third Session	Jan 17 th , 2019 (11-12 AM, 14-15 PM)
Fourth Session	Jan 24th, 2019 (11-12 AM, 14-15 PM)
Fifth Session	Jan 31 st , 2019

Place: School of Particles and Accelerators, Seminar Room