Ninth INFN International School on: "Architectures, tools and methodologies for developing efficient large scale scientific computing applications" ESC17 - Bertinoro (Forlì-Cesena) Italy 22-28 October 2017



Contribution ID: 49 Type: not specified

## Surviving the Red Queen's Race: A guide for the perplexed programmer

Friday, 27 October 2017 18:00 (1 hour)

The Red Queen's race is an important hypothesis in evolutionary biology raised to explain the impact of competition on the rate of evolution. I submit that it is an excellent analogy for the hardware chaos we are now facing. The question is, what can programmers do to survive as the hardware literally changes underneath them? In this talk we will look at trends in hardware and explore some of the approaches being used by software developers to cope.

Presenter: Dr MATTSON, Tim (Intel)

Session Classification: Sessione di venerdi'