

IEEE CS Madras Chapter & CSI Chennai joins with ACM Chennai Chapter in inviting you for a technical talk as detailed below:

Topic: “Multicore enablement of legacy programs”

Speaker: Prof. Krishna Nandivada, CS Dept, IIT Madras.

Date & Time: Sat, Feb 4, 2012, 4-6:30 pm

Venue: Alladi Ramakrishna Hall, Institute of Mathematical Sciences (IMSc), Taramani

While the programme is free, to help us plan the logistics, pl. register for the programme at <http://www.meraevents.com/event/acmchennaifeb2012>

You are welcome to forward this invite to your colleague(s)/students who may be interested in this topic.

About the talk: The computer industry is at a major crossroads due to the end of a decades-long trend of exponentially increasing clock frequencies. It is widely agreed that parallelism in the form of multiple power-efficient cores must be exploited to compensate for this lack of frequency scaling. Unlike previous generations of hardware evolution, this shift towards homogeneous and heterogeneous many-core computing will have a profound impact on software. And one of the biggest impacts will be on the existing legacy code. In this talk we will highlight the problems in this area and possible directions in which legacy code can be multicore enabled.