

Day 1

19 October from 2.30pm to 5pm

A Brief Introduction to Qualcomm & Snapdragon by *Sathya Ramasamy Senior Director, Multimedia Division*

Session on Imaging by *Sigu Joseph Camera SW & Arch Lead*

- Basics & Blocks contributing for image Quality
- Challenges associated with Mobile imaging
- Qualcomm specific enhancements
- “Simple” camera use case flow

Demo of key camera usecases using Qualcomm development platform by *Karthik Neelam Camera Team*

Day 2

20 October from 2.30pm to 5pm

Session on fastCV by *KrishnaMurthy Balla CV SW Lead*

- Library of elementary CV functions accelerated on Qualcomm chipsets
- Role of heterogeneous computing in accelerating CV
- Brief on fastCV SDK

Session on Hexagon DSP (Qualcomm-in house DSP) by *Poleswar Kruchula CV Lead*

- focusing HVX Hexagon Vector Extensions
- To accelerate pixel processing (Imaging / CV) blocks

Demo of high level CV uses cases using Qualcomm development platform by Poleswar and team