



## **Report of Technical Talk on Image Sensor** **Dec 12, 2012, Bangalore – Conducted by Dr. David Burrows**

### **Report by Prajit S Nair**

IEEE Consumer Electronics Bangalore Chapter's, Technical Talk on Image Sensor was held at Aptina India Ltd, on Dec 12, 2012. This talk was conducted by Dr. David Burrows, Vice President of Euro India R&D, Aptina Imaging Ltd.

Imaging Professionals from leading companies in Bangalore and Researchers from Academia attended the talk. Speaker covered the history and the basics of Image sensor including the complexities of the design involved. He also covered some of the trends in imaging and the processing requirement to meet those challenges.

The talk was attended by around 55 participants from companies and academia like Texas Instruments, Aptina India Ltd, ST Ericsson, Mobictrics, Ittiam, Ricoh Innovation, Philips, HCL, Sir MVIT College, RVCE College, IISc, Path Partner Technology, Sling Media, Nokia, Motorola Mobility and more

Registration session and feedback form was collected online from the participants. Aptina India Ltd supported the talk by providing the necessary infrastructure to conduct the meeting including a high tea for the participants.

Sudeendra Koushik from IEEE-CE Chapter lead the session and presented a memento to the speaker at the end of the session.

IEEE CE Bangalore Chapter is grateful to Kausik Shankar, Arun, Vijay Raghavan, Sudeendra Koushik, Prabindh Sundareson, Bhaskar and Sudhakar for their support



**Dr David Burrows, Speaker**



Participants (Venue: Aptina India Ltd, Bangalore)



Sudeendra Koushik Presented Memento to Dr. David Burrows

Some of the feedback and suggestions from the participants.

### Regarding the talk and the speaker:

- *Expertise and the in-depth knowledge of the speaker. Overall coverage of the subject.*
- *Extremely well organized and well presented information.*
- *Expectation was to understand the technical details about the mobile phone camera sensor both analog and digital aspects of it. Yes, it met my expectations but I felt that it would have been great if the speaker had more time to cover the rest of the topics mentioned in the contents of the presentation.*
- *It exceeded my expectations*



## Suggested topics for future talks from participants:

- Digital Image Signal Processing aspect of the camera sensor
- Digital Image Processing, concepts, applications and medical imaging
- Sensor Driver and Integration
- Embedded Linux Primer
- Workshop on Wireless and other connectivities
- Workshop on the Graphics Pipeline and processors
- Different kinds of sensor technologies - for eg, infrared imaging, ambient light sensors, pressure humidity sensors, accelerometers, gyrometers, etc.,
- Analog/Mixed Signal/RF design for Consumer electronic applications

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