

Developments in Communications: long haul to interconnects

Oclaro, Caswell, Thursday 1 July 2010

Optical communications have matured substantially in the last 10 years. The comms world is now made up of an increasingly diverse number of segments from ultra short distance optical backplanes, to local area networks, to fibre to the home, to large area telecommunications networks. All of these areas share similar core optical technology, yet as the different markets mature, the particular implementations become increasingly diverse.

This meeting is designed to give a digest of the latest developments in the complete cross section of optical communication areas. Talks will give visibility of where the technical and market edge is in the range of communication applications, insights into the obstacles of the day in the various segments and a little glimpse into the future. This is designed to encourage cross-fertilisation of ideas between the different comms segments, maximising the opportunity to reapply lessons learnt elsewhere to your own problems, increasing development efficiency and reducing risk and time to market.

The complete range of communication length scales will be covered from cm length backplanes being developed for the latest data storage centres to 100's km applicable in core area networks. Speakers will be asked for their insights into not just the optical developments but also for comment on the innovations that have enabling progress in their area from data formats to packaging as appropriate.

This event is for all optical comms professionals who are experts in their own area but are interested in updating their knowledge of what is happening in other comms segments. The meeting will also provide an excellent platform for those developing new innovation to see which communication segments may present the best opportunity.

Oclaro have very kindly agreed to host this meeting at their Caswell site, Towcester, NN12 8EQ. Directions are available at www.multimap.com/s/OJyV9aHs.

Please register on line at www.sepnet.net/registration

Agenda

10.00 Registration & Coffee

10.30 Welcome, *John Lincoln SEPNET, Mike Wale Oclaro.*

10:45 Optical Backplanes for Data Storage.

Richard Pitwon, XytrateX

11:15 The Network Provider Perspective,

Derek Nessel, BT

11.45 Core Networks,

Chris Clarke, Oclaro

12.15 Lunch

13.15 Aerospace networks (TBC)

13.45 The Equipment Provider Perspective

Mike Sharratt, Teropta

14:15 Future Comms & Internet Infrastructure,

David Richardson, ORC, Uni of Southampton

14:45 The ESP KTN and Piano+ feedback,

15:00 Close