

OFC 2008 Workshop OSuA

Is Optical Transmission Fiber a Commodity or Is Further Innovation Required?

Organizers:

Ming-Jun Li, Corning Inc.

Georg Mohs, Tyco Telecommunications

OFCNFOEC 2008

THE FUTURE OF OPTICAL COMMUNICATIONS IS HERE

TECHNICAL CONFERENCE: FEBRUARY 24-28, 2008

EXPOSITION: FEBRUARY 26-28, 2008

SAN DIEGO CONVENTION CENTER

SAN DIEGO, CALIFORNIA, USA

Workshop OSuA

Is Optical Transmission Fiber a Commodity or is Further Innovation Required?

Opening Remarks 4:30 – 4:35

Group 1:
Carriers and Academia
4:35 – 5:30

David Chen, Verizon
Katsusuke Tajima, NTT
Alan Willner, USC
Christian A. Bunge,
Technical Univ. of Berlin

Group 1 Discussion

Group 2:
System Suppliers
5:30 – 6:25

Bob Tkach, Alcatel-Lucent
Michel Belanger, Nortel
Joerg-Peter Elbers, ADVA
Marsha Spalding,
Tyco Telecommunications

Group 2 Discussion

Group 3:
Fiber Manufactures
6:25 – 7:20

Robert Lingle, OFS
Alan Evans, Corning
Raadj Matai, YOFC
Pierre Sillard,
Draka Comteq

Group 3 Discussion

Final Discussion 7:20 – 7:30

Group 1: Carriers and Academia

4:35-4:45 *David Chen, Verizon*

The cutting edge transmission media enables ultra-high-capacity delivery

4:45-4:55 *Katsusuke Tajima, NTT*

Optical fibers for the next generation information age

4:55-5:05 *Alan Willner, University of Southern California*

Specialty fibers to realize signal processing functions

5:05-5:15 *Christian A. Bunge, Technical University of Berlin*

Universal relations between fiber parameters for optimum system performance

5:15-5:30 Group 1 Discussion

Group 2: System Suppliers

- 5:30-5:40 *Robert Tkach, Bell Laboratories, Alcatel-Lucent*
Dream transmission fibers and advanced system technologies
- 5:40-5:50 *Michel Belanger, Nortel*
Future fiber requirements as a result of available, effective and complete electronic compensation for chromatic dispersion
- 5:50-6:00 *Joerg-Peter Elbers, ADVA*
Optical fiber for WDM applications - from lessons learnt to future opportunities
- 6:00-6:10 *Marsha Spalding, Tyco Telecommunications*
A cable-maker's recipe for delectable fiber.
- 6:10-6:25 Group 2 Discussion

Group 3: Fiber Manufacturers

- 6:25-6:35 *Robert Lingle, OFS*
Fiber: The foundation of the optical transmission line
- 6:35-6:45 *Alan Evans, Corning*
Network edges: Fertile ground for fiber innovation
- 6:45-6:55 *Raadj Matai, YOFC*
The actions to promote the pervasive application of fiber in the world
- 6:55-7:05 *Pierre Sillard, Draka Comteq*
Innovation in fibers: From long-haul to access applications
- 7:05-7:20 Group 3 Discussion