



*Applied Physics & OSA  
Optics Seminar*

# Optics, Physics, Economics, and the Little Prince

## Dr. Jozef Straus

*Founder Emeritus, JDS Uniphase Corporation*

In this presentation we discuss the role of fiber optics in the rapid expansion of the telecommunication industry at the onset of the Internet revolution. Specifically, various opportunities and challenges currently facing both the telecommunication industry, and the corresponding research environment will be highlighted in relation to the role of economics driving current innovation.

An attempt to correlate all of the above with the experiences of The Little Prince on his asteroid (AK47) while tending to exploding volcanoes will be presented.

### ***Biography:***

Having retired as Chief Executive Officer and Co-chairman in August 2003, Dr. Straus currently holds the role of Founder Emeritus of JDS Uniphase Corporation, a worldwide leader in optical technology and fiber optic communications. Dr. Straus was appointed CEO of JDS Uniphase in May 2000, subsequent to having served as President and Chief Operating Office of the company. Dr. Straus co-founded JDS Fitel in 1981 and was instrumental in its merger with Uniphase Corporation in 1999 to create JDS Uniphase Corporation. Prior to JDS FITEL, Dr. Straus held various research and management positions with Bell Northern Research and Nortel.

Dr. Straus holds Honorary Doctorates from the University of Alberta, his alma mater and from Touro College in New York. He is a past Board Member of Group Telecom, Photonics Research Ontario, and the Alberta Information and Communication Technology Advisory Board and he also serves on the University of Ottawa's Science Advisory Council. Dr. Straus is currently active in the Ottawa Hospital's Legacy Campaign, serving as its Co-Chairman.

Dr. Straus has numerous patents, publications, and other honours to his credit, notably the 2004 NRC/CATAAlliance Innovation & Leadership Lifetime Achievement Award as well as the 2001 Engineering Management Award from the University of Southern California.

Dr. Straus is a senior member of the Institute of Electrical and Electronic Engineers.

***Tuesday, May 10, 2005.***

***4:00pm-5:00pm.***

***Steele 102***

Refreshments will be available in the Watson Lobby at 3:45pm.

