



Press release

High Speed plastic optical fiber: one of the most promising developments for future networks

Nexans presents the plastic optical fiber in data and video network at the Opto 2004 Trade Fair in Paris

Paris, October 15, 2004 – Nexans, the worldwide leader in the cable industry has announced its participation in the Opto 2004 Trade Fair that is to be held from October 19 to 21 in Paris at Paris Expo, Porte de Versailles, Hall 7.1 (Stand J28).

Nexans will be making the following demonstrations on the Optics Club Stand (J28) and will give a preview of this upcoming technology:

- local networks for data communication: Ethernet gigabit network over plastic optical fiber (for large enterprises (backbone) as well as medium and small offices (fibre to the office/desk)
- data communication in residential cabling: new concept of all optical home networking
- leisure/residential: high-speed 'Firewire' connections for digital cameras and multimedia devices
- high quality video: high-speed DVI connections for Digital cameras and multimedia devices
- demonstration of plastic optical fiber connection: the connection components for plastic optical fibers are as easy to install as those for copper wires

The demonstrators and products presented by Nexans at the Opto trade fair bear witness to the Group's dynamic efforts in Research & Development. Nexans invests about 50 million euros in R&D, a priority line in its policy. This financial and human investment – Nexans' R&D team comprises 500 research scientists, engineers and technicians – enables the Group to not only reinforce its status and leader in cables and accessories (quality, performance, competitiveness, environmental friendliness) but also prepare the markets of the future.

Contributions from Nexans

Nexans will take part in the Plastic Optical Fibers conference organized by the Optics Club, to be given on Tuesday October 19, between 9h00 and 12h00, and chaired by Caroline Wary (CW Conseils)

Conference agenda:

- 9h00 – POF (General information)
Contributor: Gérald Brun – CNRS - *St Etienne's Jean Monnet University*
- 9h30 – POF in the automobile
Contributor: Christian Smith – *Tyco Electronics France*
- 10h00 – POF in lighting
Contributor: Pierre Jacquement – *Luxeri fibre optique plastique*
- **10h30 – POF in broadband networks, company local networks (LAN), storage area networks (SAN), small local networks (SoHo) and domestic networks (IEEE 1394)**
Contributor: Jacques Goudeau - Nexans
- 11h00 – POF industrial temperature sensor
Contributor: Jean-Louis Lovato, *GEEO*
- 11h30 – POF in industrial optical networks, industrial local networks (ILN), industrial sensors
Contributor: Mickaël Marie – *Agilent Technologies Deutschland*

About Nexans

Nexans is the worldwide leader in the cable industry. The Group brings an extensive range of advanced copper and optical fiber cable solutions to the infrastructure, industry and building markets. Nexans cables and cabling systems can be found in every area of people's lives, from telecommunications and energy networks, to aeronautics, aerospace, automobile, railways, building, petrochemical, medical applications, etc. With an industrial presence in 29 countries and commercial activities in 65 countries, Nexans employs 17,000 people and had sales in 2003 of 4 billion euros. Nexans is listed on the Paris stock exchange. - <http://www.nexans.com>

About Opto

OPTO 2004 is the trade fair that presents all the optical solutions for industry, networks and telecommunications. It unites more than 150 exhibitors (of which more than 20% are new exhibitors), and is expected to attract more than 6,500 visitors and congress participants.

About the Optics Club

The Optics Club groups together more than 80 private companies and public organizations who work in the area of glass or plastic optical fibers for the development of voice-data-image communication networks, ranging from very long distance transoceanic networks to very short connections such as optical backplanes.

Contacts:

Press

Céline Révillon

Tel.: +33 (0)1 56 69 84 12

Celine.revillon@nexans.com

Investor relations :

Michel Gédéon

Tel.: + 33 (0)1 56 69 85 31

Michel.gedeon@nexans.com