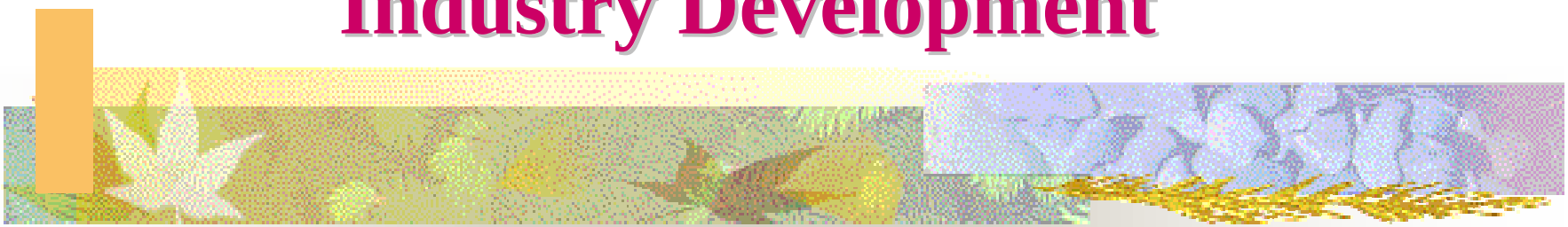
Optical Panel Discussion
Optoelectronics Communication Technology
and
Industry Development



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Transceiver Module Market Share (Source：Fuji Chimera 2002)

- 155Mbps (67%)
- 622Mbps (7%)
- 1.25Gbps (16%)
- 2.5Gbps (9%)
- 10Gbps (1%)

What will be the dominant data rate market for optical communication system in the near future？

What are the chances for Taiwan`s manufacturers in high-speed transponders (2.5Gbps and 10Gbps)？

FTTP (fiber to the premise) is flourishing and is predicted to have a big market in the near future.

Most companies in Taiwan focus on the Bi-Di transceivers.

Is there any chance for moving to upper network layers, like media converter ?

Now the optical communication technology is moving so fast, what`s the role of ITRI (OES) ?

How to enhance technology ability for optical communication industry ?

How to bridge the gap between the universities and the industry in Taiwan ?

Is it possible that InGaAsN/GaAs (1300nm or 1550nm) will replace conventional InGaAsP/InP laser diodes ?

For VCSEL, the fabrication technology is moving to oxide confined technology instead of ion-implantation.

Also the wavelength is changed to 1300nm.

What`s the possible new trend for VCSEL technology and structure ?