

Evening Session 2

PANEL DISCUSSION

SHORT-WAVELENGTH LASER DIODES

Chairman : R. ITO (Univ. of Tokyo)
Panelists : H. GAMO (Univ. of California, Irvine, U.S.A.)
 J. HARRIS (Rockwell International, U.S.A.)
 T. KITAMURA (Canon)
 H. NAGAI (Musashino ECL, NTT)
 S. YAMAMOTO (Sharp)
 S. YONEZAWA (Hitachi)
 H. YONEZU (NEC)
 (alphabetic order)

While laser diodes (LDs) in the 1.2-1.6 μm wavelength region are taking a major role in the field of optical fiber communications, LDs with shorter wavelengths are expected to find a large market in other applications as well, for example, in digital audio disc (DAD) and video disc systems and laser printers. This expectation has started to be fulfilled, as some of these systems utilizing laser diode light sources have been, or are on the verge of being, put on the production line. The aim of this panel discussion is to seek an overview of the present status and future prospect of short wavelength LDs, based on the realistic assessment of what the research and development has so far achieved. Panelists have been invited from both the device and the application sides in the hope of forming a consensus on what needs to be done and what can be done in R/D on fabrication and application of short-wavelength LDs.

Organizer R. Lang (NEC)

