

12E1-1 (Invited)

PLZT photonic functional devices for future network systems

Hiroyuki Tsuda

Department of Electronics and Electrical Engineering, KEIO University

3-14-1 Hiyoshi Kohoku-ku, Yokohama, Japan

Tel: +81-45-566-1627, Fax: +81-45-566-1529, e-mail: tsuda@elec.keio.ac.jp

Abstract: PLZT photonic functional devices including a high-speed switch, an arrayed-waveguide grating, and a tunable wavelength filter are described. Optical slot switching networks using PLZT switches are also successfully demonstrated.

