

25th JSAP AWARDS (Year 2003)



JJAP Paper Award

Award Recipients	Norihiko Nishizawa and Toshio Goto
Title of the Paper	Widely Broadened Super Continuum Generation Using Highly Nonlinear Dispersion Shifted Fibers and Femtosecond Fiber Laser
Authours	Norihiko Nishizawa and Toshio Goto
Affiliation	Nagoya University
Journal	Jpn. J. Appl. Phys. Vol.40 (2001) Pt.2 No.4B pp.L365-L367

Award Recipients	Shin-ichi Nagahama, Tomoya Yanamoto, Masahiko Sano and Takashi Mukai
Title of the Paper	Wavelength Dependence of InGaN Laser Diode Characteristics
Authours	Shin-ichi Nagahama, Tomoya Yanamoto, Masahiko Sano and Takashi Mukai
Affiliation	Nichia Chemical Industries, Ltd.
Journal	Jpn. J. Appl. Phys. Vol.40 (2001) Pt.1 No.5A pp.3075-3081

Award Recipients	Masahiro Asada
Title of the Paper	Density-Matrix Modeling of Terahertz Photon-Assisted Tunneling and Optical Gain in Resonant Tunneling Structures
Authours	Masahiro Asada
Affiliation	Tokyo Institute of Technology
Journal	Jpn. J. Appl. Phys. Vol.40 (2001) Pt.1 No.9A pp.5251-5256

Award Recipients	Akira Fujiwara and Yasuo Takahashi
Title of the Paper	Mechanism of Single-Charge Detection using Electron-Hole System in Si-wire Transistors
Authours	Akira Fujiwara and Yasuo Takahashi
Affiliation	NTT Corporation
Journal	Jpn. J. Appl. Phys. Vol.41 (2002) Pt.1 No.3A pp.1209-1213

Award Recipients	Takeshi Kijima and Hiroshi Ishiwara
Title of the Paper	Si-Substituted Ultrathin Ferroelectric Films
Authours	Takeshi Kijima ^{1,2} and Hiroshi Ishiwara ²
Affiliation	¹ R&D Associations for Future Electron Devices, ² Tokyo Institute of Technology
Journal	Jpn. J. Appl. Phys. Vol.41 (2002) Pt.2 No.6B pp.L716-L719

25th JSAP AWARDS (Year 2003)



JJAP Young Scientist Award

Award Recipients	Jörg Wiedmann
Title of the Paper	GaInAsP/InP Distributed Reflector Lasers Consisting of Deeply Etched Vertical Gratings
Authours	Jörg Wiedmann, Hyo-Chang Kim, Koji Ebihara, Bo Chen, Masataka Ohta, Shigeo Tamura, Jong-In Shim ¹ and Shigehisa Arai
Affiliation	Tokyo Institute of Technology, ¹ Hanyang University
Journal	Jpn. J. Appl. Phys. Vol.40 (2001) Pt.1 No.12 pp.6845-6851

Award Recipients	Tsuyoshi Shioda
Title of the Paper	Fluorinated Polyimide Waveguide Fabricated Using Replication Process with Antisticking Layer
Authours	Tsuyoshi Shioda
Affiliation	Mitsui Chemicals, Inc.
Journal	Jpn. J. Appl. Phys. Vol.41 (2002) Pt.1 No.3A pp.1379-1385

Award Recipients	Norio Sato
Title of the Paper	Advanced Spin Coating Film Transfer and Hot-Pressing Process for Global Planarization with Dielectric-Material-Viscosity Control
Authours	Norio Sato, Katsuyuki Machida, Masaki Yano ¹ , Kazuhisa Kudou ¹ and Hakaru Kyuragi
Affiliation	NTT Corporation, ¹ NTT Advanced Technology Corporation
Journal	Jpn. J. Appl. Phys. Vol.41 (2002) Pt.1 No.4B pp.2367-2373

Award Recipients	Hiroyuki Fujiwara
Title of the Paper	Stress-Induced Nucleation of Microcrystalline Silicon from Amorphous Phase
Authours	Hiroyuki Fujiwara, Michio Kondo and Akihisa Matsuda
Affiliation	National Institute of Advanced Industrial Science and Technology (AIST)
Journal	Jpn. J. Appl. Phys. Vol.41 (2002) Pt.1 No.5A pp.2821-2828

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Review Paper Award

Award Recipients	Takeshi KAMIYA and Masahiro TSUCHIYA
Title of the Paper	Ultrafast photonics
Authours	Takeshi KAMIYA ¹ and Masahiro TSUCHIYA ²
Affiliation	¹ National Institution for Academic Degrees, ² The University of Tokyo
Journal	OYO BUTURI, Vol.70, No.11, p.1271-1278 (2001)

Award Recipients	Masataka HIROSE
Title of the Paper	Advanced semiconductor technology for system-on-chip (SOC)
Authours	Masataka HIROSE
Affiliation	National Institute of Advanced Industrial Science and Technology (AIST)
Journal	OYO BUTURI, Vol.71, No9, p.1091-1101 (2002)