

# 15th JSAP AWARDS (Year 1993)



## *JJAP Paper Award*

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| <b>Award Recipients</b>   | Tadayoshi Doke, Katsuaki Kasahara and Daniel J. Suson  |
| <b>Title of the Paper</b> | Design of a Liquid Xenon Calorimeter for the Observation of Cosmic Gamma Ray Lines in the 1-100 GeV Region |
| <b>Authours</b>           | Tadayoshi Doke, Katsuaki Kasahara <sup>1</sup> and Daniel J. Suson <sup>2</sup>                            |
| <b>Affiliation</b>        | Waseda University, <sup>1</sup> Kanagawa University, <sup>2</sup> Texas R & I University                   |
| <b>Journal</b>            | Jpn. J. Appl. Phys. Vol.31 (1992) Pt.1 No.11 pp.3688-3694  |

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| <b>Award Recipients</b>   | Sumio Hosaka, Atsushi Kikukawa, Yukio Honda, Hajime Koyanagi and Shinji Tanaka                                  |
| <b>Title of the Paper</b> | Simultaneous Observation of 3-Dimensional Magnetic Stray Field and Surface Structure Using New Force Microscope |
| <b>Authours</b>           | Sumio Hosaka, Atsushi Kikukawa, Yukio Honda, Hajime Koyanagi and Shinji Tanaka                                  |
| <b>Affiliation</b>        | Hitachi Ltd.  |
| <b>Journal</b>            | Jpn. J. Appl. Phys. Vol.31 (1992) Pt.2 No.7A pp.L904-L907   |

## *JJAP Young Scientist Award*

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| <b>Award Recipients</b>   | Kouichi Hayashi  |
| <b>Title of the Paper</b> | <i>In-Situ</i> X-Ray Observation of Molecular Structure in Organic Thin Films during Evaporation Process by Total Reflection In-Plane X-Ray Diffractometer |
| <b>Authours</b>           | Kouichi Hayashi, Kenji Ishida, Toshihisa Horiuchi and Kazumi Matsushige  |
| <b>Affiliation</b>        | Kyushu University  |
| <b>Journal</b>            | Jpn. J. Appl. Phys. Vol.31 (1992) Pt.1 No.12A pp.4081-4085   |

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| <b>Award Recipients</b>   | Hideto Sugawara   |
| <b>Title of the Paper</b> | High-Efficiency InGaAlP Visible Light-Emitting Diodes                     |
| <b>Authours</b>           | Hideto Sugawara, Kazuhiko Itaya, Masayuki Ishikawa and Gen-ichi Hatakoshi |
| <b>Affiliation</b>        | Toshiba Corporation   |
| <b>Journal</b>            | Jpn. J. Appl. Phys. Vol.31 (1992) Pt.1 No.8 pp.2446-2451                  |

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| <b>Award Recipients</b>   | Yasuyuki Kobayashi  |
| <b>Title of the Paper</b> | In Situ Interface Control of Pseudomorphic InAs/InP Quantum Well Structure Growth by Surface Photo-Absorption |
| <b>Authours</b>           | Yasuyuki Kobayashi and Naoki Kobayashi  |
| <b>Affiliation</b>        | NTT Basic Research Laboratories   |
| <b>Journal</b>            | Jpn. J. Appl. Phys. Vol.31 (1992) Pt.1 No.12A pp.3988-3994  |

## *Review Paper Award*

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|---------------------------|--|
| <b>Award Recipients</b>   | Teruya SHINJO                                  |
| <b>Title of the Paper</b> | Recent studies on metallic multilayers         |
| <b>Authours</b>           | Teruya SHINJO                                  |
| <b>Affiliation</b>        | Kyoto University                               |
| <b>Journal</b>            | OYO BUTURI, vol.61, No.12, pp.1214-1224 (1992) |

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| <b>Award Recipients</b>   | Toshimitsu ASAKURA   |
| <b>Title of the Paper</b> | Reproduction of the sounds from old wax phonograph cylinders |
| <b>Authours</b>           | Toshimitsu ASAKURA   |
| <b>Affiliation</b>        | Hokkaido University  |
| <b>Journal</b>            | OYO BUTURI, vol.61, No.6, pp.556-568 (1992)                  |