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<i>S. Nakamura, T. Matsunaga, K. Totsu, W. Makishi, M. Esashi, Y. Haga</i>	
Fabrication of Field Emission Arrays with Hafnium Nitride Cathode	1823
<i>Y. Gotoh, N. Setojima, T. Kanzawa, H. Tsuji, J. Ishikawa</i>	
3-Dimensional Microfabrication of Polytetrafluoroethylene by Using Synchrotron Radiation	1827
<i>M. Horade, M. Tsudo, S. Khumpuang, S. Sugiyama</i>	

MEMS3: FUNDAMENTAL MECHANISM, MATERIALS AND PROCESS TECHNOLOGIES

Invited Microgrippers for Biological Applications	1829
<i>J. K. Luo, W. I. Milne, Y. Q. Fu, A. J. Flewitt, S. M. Spearing</i>	
Invited Nanotechnologies in Displays: The Use of Carbon Nanotubes and Semiconductor Nanowires	1833
<i>D. Pribat, C. S. Cojocar</i>	
Characteristics of Near-Infrared and Visible Femtosecond Laser Processing for Semiconductor	1837
<i>Y. Izawa, S. Tokita, M. Fujita, M. Hashida, Y. Izawa</i>	
Performance of Flexible SR-exposure Stages for Multiple Purposes in Micro/Nanofabrication	1841
<i>F. Kato, S. Fujinawa, S. Sugiyama</i>	

MEMS4: DISPLAYS AND IMAGING (1)

Invited GEMS: A Simple Light Modulator for High Performance Laser Projection Display	1843
<i>J. Agostinelli, M. W. Kowarz, D. Stauffer, T. Madden, J. G. Phalen</i>	
Invited Toward an iMoD™ Ecosystem	1847
<i>M. Miles</i>	
A PZT-Actuated 2D Optical Scanner for MEMS Image Projection Display	1851
<i>Y. Yasuda, M. Tani, M. Akamatsu, H. Toshiyoshi</i>	

Dynamic Tactile Display with Arrayed Pin for Blind Aid Using Micro Actuators	1855
<i>T. Matsunaga, W. Makishi, Y. Haga</i>	

MEMS5: DISPLAYS AND IMAGING (2)

Invited Development of Medical and Welfare Microdevices Using Micro Technology	1859
<i>Y. Haga, T. Matsunaga, W. Makishi, K. Totsu, M. Esashi</i>	
Black Board-Type MEMS Interactive Display	1863
<i>R. Shigematsu, D. Tosu, A. Higo, H. Toshiyoshi, H. Fujita</i>	
2D Laser Microscanner for Precise Laser Surgery and Small Size Head Mount Display	1867
<i>W. Makishi, H. Akahori, T. Matsunaga, M. Esashi, Y. Haga</i>	
Angle Tunable Prism for Optical Scanner	1871
<i>A. Takei, E. Iwase, K. Matsumoto, I. Shimoyama</i>	

DES – TOPICAL SESSION ON DISPLAY ELECTRONIC SYSTEMS

DES1: CIRCUIT TECHNIQUE FOR HIGH QUALITY IMAGE

Invited Interface Technologies for Flat Panel Display	1875
<i>T. Kim, H. Nam</i>	
Programmable Gamma Voltage Generator for Mobile Display Applications	1879
<i>M.-S. Shin, J.-Y. Song, C.-D. Go, O.-K. Kwon</i>	
One-Chip Driver for 262K-Color QCIF+ Passive Matrix OLED Displays	1883
<i>Y.-S. Son, Y.-S. Ahn, H.-S. Song, J.-K. Sung, H.-S. Oh, D.-K. Han, H.-S. Kim, G.-H. Cho</i>	
A Memory-Efficient Model-Based Overdrive	1887
<i>H. Pan, X. Feng, S. Daly</i>	

DES2: VIDEO PROCESSING FOR HIGH QUALITY IMAGE

Invited High Frame Rate Picture Rate Conversion	1891
<i>E. B. Bellers, J. G. W. Janssen</i>	
A Novel LCD System for High Quality Motion Pictures by Motion-Adaptive Black-Insertion-Ratio Control	1895
<i>M. Baba, G. Itoh</i>	
Video Processing for Optimal Motion Portrayal on LCDs	1899
<i>F. H. van Heesch, M. A. Klompenhouwer, E. B. Bellers, J. G. W. Janssen</i>	
A Color Conversion Circuit of Wide Gamut Color Spaces for Multi-Primary Color LCDs	1903
<i>H. Moriya, K. Murai, K. Fukasawa, T. Kurumisawa, E. Chino</i>	

DES3: HIGH QUALITY DISPLAY TECHNOLOGY

Invited Dual-Modulation High Dynamic Range Display Technology	1907
<i>H. Seetzen, G. Ward, L. Whitehead</i>	
Invited Advances in Field Sequential Color OCB-LCD with Backlight Scanning Technology	1911
<i>H. Seki, S. Ichikawa, Y. Hamakubo, H. Ishigami, H. Yaginuma, T. Kishimoto, S. Nakano, K. Wako, K. Sekiya, Y. Kitago, H. Ishibashi, A. Yoshizawa, T. Araki, M. Chiba, T. Okayama, K. Yokoyama, H. Murai, A. Yamamura, K. Kalantar, T. Ishinabe, T. Miyashita, T. Uchida</i>	
A Development of Frame Rate Conversion Technology for Large-Screen Full-Spec. LCD-HDTV	1915
<i>Y. Yoshida, T. Fujine, K. Yamamoto, H. Furukawa, M. Ueno, Y. Kikuchi, S. Kohashikawa, A. Yamada, N. Takeda, M. Sugino</i>	

DES4: MOBILE OPTIMIZED SYSTEM

Invited High Speed Serial Interface for Mobile Displays	1917
<i>R. Lawrence</i>	
Invited Incorporation of Input Function into Display Using LTPS TFT Technology	1921
<i>H. Nakamura, T. Nishibe</i>	
Invited Development of SLS Mobile TFT-LCDs	1925
<i>C. W. Kim, K. C. Park</i>	
Invited The Dynamic Display Power Optimization (D²PO™) Driving Scheme Enables Low Power TFT-LCD Modules for Notebook Applications	1929
<i>H. Maeda, T. Hashimoto, A. Okazaki, M. Watanabe, A. Bhowmik</i>	

POSTER DESP: DISPLAY ELECTRONIC SYSTEMS

Timing Control System for Flexible Black Data Insertion on IPS-Pro Panel	1933
<i>J. Maruyama, Y. Ooishi, M. Nakamura, I. Mori, S. Morishita, T. Furuhashi, K. Ono</i>	

New Driving Method for Field Sequential Colour LCDs Using OCB Mode	1937
<i>T. Fukami, S. Kawaguchi, S. Araki, M. Takeoka, A. Takimoto</i>	
An Area Efficient True 10-bit Source Driver for Flat Panel Displays	1941
<i>C.-D. Go, J.-S. Kang, M.-S. Shin, J.-H. Kim, O.-K. Kwon</i>	
A Full-Custom 300-Channel High-Voltage Display Driver in an 80V 0.35 μm CMOS Intelligent Interface Technology	1945
<i>H. De Pauw, J. Doutreloigne, H. De Smet, A. Van Calster</i>	
High Output Impedance LTPS TFT-Based Current Source with Double Compensation.....	1949
<i>M.-P. Hong, J. Y. Jeong</i>	
Performance Comparison of Motion Estimation Methods for Frame Rate Up-Conversion.....	1953
<i>S. J. Kang, Y. H. Kim</i>	
Motion Blur Reduction Algorithm for Mobile LCD	1957
<i>S. R. Shin, H. H. Hwang, B. S. Bae, S. H. Kim</i>	
Implementation of Image Enhancement Processor Using Saturation Extension.....	1961
<i>Y.-S. Jo, M.-R. Choi</i>	
A Preliminary Image Evaluation on MoMA-BTC (Mobile Multi-Level Adaptive Block Truncation Coding) for Small-Size Displays.....	1965
<i>H. Sasaki, H. Minamizaki, H. Okumura</i>	
Performance Analysis of Vector Quantizer for Imaging Data Clustering Algorithms	1969
<i>T.-W. Hou, H.-K. Ku, Y.-T. Chen, H.-S. Koo</i>	
An Image Rotation Method for OLED Panel.....	1971
<i>Y. Kobayashi, A. Satoh</i>	
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