

Poster Presentation

- 1. Construction of Inorganic-Organic Nanostructured Sensing Plate**
Masayoshi TANAKA, R. TOMINAGA, T. KOBAYASHI, M. SIVAKUMAR, T. KINOSHITA, NIT
- 2. Chemical Sensor Technologies**
Sheikh Akbar, Ohio State University
- 3. Current Research, Ohio State University**
Sheikh Akbar, Ohio State University
- 4. Resistive Oxygen Gas Sensor Using Cerium Oxide Thick Film**
Noriya IZU, AIST
- 5. Preparation and Characterization of buffer for DNA electrophoresis separation by using SiO₂ nano particles**
Masayuki FUJIMOTO, Tomoya OHNO, Shizuoka University
- 6. Sensor Arrays, Artificial Senses, Awareness, Intelligence**
Joseph Stetter, Illinois Institute of Technology
- 7. Current Research, Illinois Institute of Technology**
Joseph Stetter, Illinois Institute of Technology
- 8. Pattern-deposition of ZnO by soft-lithography technique**
Noriko Saito,¹ Hajime Haneda,¹ Shun-ichi Hishita,¹ Kunihito Koumoto,² National Institute for Materials Science,¹ Nagoya University²
- 9. Development of Infrared Sensor of Dielectric Bolometer Mode**
Shuichi MURAKAMI¹, Koji INOUE¹, Minoru NODA², Masanori OKUYAMA²
1: TRI of Osaka Prefecture, 2: Osaka University
- 10. The Bioinformatics Approach to Biosensors**
R. Paul Schaudies, Science Applications International Corporation
- 11. Metal-Semiconductor-Metal devices on diamond crystals for the UV detection**
J. A. ALVAEZ, M. Y. LIAO, and Y. KOIDE, NIMS
- 12. Refractory metal carbide as thermally stable Schottky contact of diamond photosensor for deep-ultraviolet detection**
M. Y. LIAO, J. A. ALVAEZ, and Y. KOIDE, NIMS
- 13. Direct Detection of Single Nucleotide Polymorphism Using Genetic Field Effect Transistor**
Yuji MIYAHARA and Toshiya SAKATA, NIMS
- 14. Current Research, SUNY-Stonybrook**
Perena Gouma, SUNY-Stonybrook

15. **Nano-Design of Electrode Structure for High Sensitivity NO₂ Sensor Using WO₃ Thick Film**
Jun TAMAKI, Akira MIYAJI, Shunsuke OGURA, Satoshi KONISHI, Ritsumeikan University
16. **Development of High Heat Resistant AE Sensor**
Eizo USHIJIMA, Hiroaki NOMA, Kazushi KISHI, Naohiro UENO, Morito AKIYAMA, Toshihiro KAMOHARA, AIST
17. **A novel metal oxide thin film process for infrared and gas sensors**
Tetsuo TSUCHIYA, AIST
18. **Current Research, Duke University**
Nan Marie Jokerst, Duke University
19. **Improvement of the temporal response and output uniformity of polycrystalline CdZnTe films for high sensitivity X-ray imaging**
Satoshi TOKUDA, Shimadzu Corporation
20. **Clinical Utility of Pulse Wave Measurement for Prevention of lifestyle disease**
Tatsuya KOBAYASHI, OMRON HEALTHCARE Co.
21. **Sensor Systems for Structural Health Monitoring**
Hitoshi KUMAGAI, Institute of Technology, Shimizu Corporation
22. **Magnetic Foreign Substance Detection System using High Tc SQUID**
*T. Nagaishi¹, H. Ota¹, K. Nishi¹, S. Tanaka², T. Ohtani³, T. Tomikawa³ and S. Suzuki³
Sumitomo Electric Hightechs¹, Toyohashi Institute of Technology², Advance Food Technology³*
23. **Netted Sensors**
Laurens Danny Tromp, Mitre Corporation
24. **The Future of Sensor Networks**
Laurens Danny Tromp, Mitre Corporation
25. **A Sensing Network using Multiple Robots: Objectives and Protocols**
Ryohei SUZUKI, Kei SAWAI, Tokyo Denki University
26. **Dynamic Power Saving Routing for Multihop RFID Systems**
Yuki MIYAGOSHI, NTT Network Innovation Laboratories
27. **Data Issues in Large Sensor Networks**
John Orcutt, University of California - San Diego
28. **Current Research, University of California - San Diego**
John Orcutt, University of California - San Diego