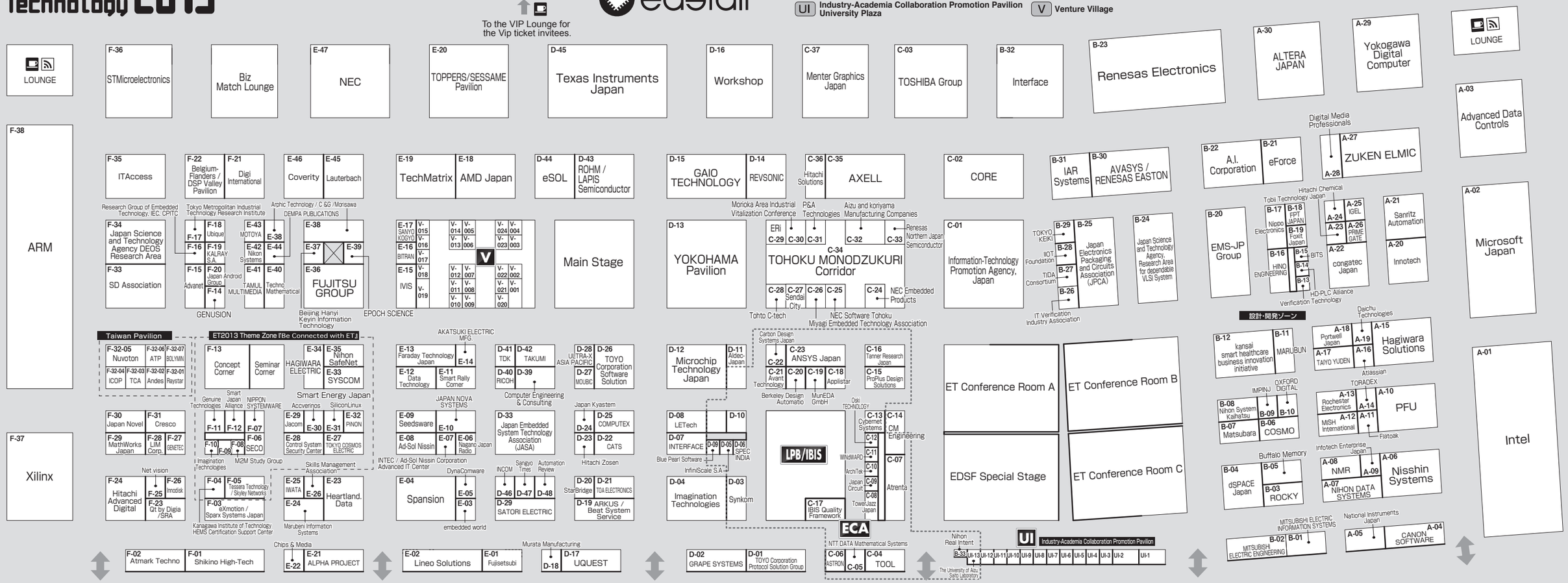
Embedded Technology 2013

edefair

Floor Plan

ECA Emerging Company Area
LPB/IBIS LPB/IBIS Zone
JEVeC JEVeC Village
Free Wi-Fi Spot
UI Industry-Academia Collaboration Promotion Pavilion University Plaza
V Venture Village



ET2013 Exhibitor

- **A** E-30 Accverinos Co., Ltd.
- E-08 Ad-Sol Nissin Corp.
- E-07 Ad-Sol Nissin Corporation Advanced IT Center
- A-03 Advanced Data Controls Corp.
- F-15 Advanet Inc.
- B-22 A.I.Corporation
- V-014 Aishin co., ltd.
- C-32 Aizu and koriyama Manufacturing Companies
  - -Eyes, JAPAN Co. Ltd.
  - -Hisaki Sekkei Inc.
  - -Iida Denshi Sekkei LTD.
  - -TAMAGAWA ENGINEERING CO., LTD.
- E-14 AKATSUKI ELECTRIC MFG. CO., LTD.
- D-11 Aldec Japan K.K.
- E-21 ALPHA PROJECT CO.,LTD
- A-30 ALTERA JAPAN, LTD.
  - -ALTIMA Corp
  - -Elsena, Inc.
- E-18 AMD Japan, Ltd.
  - -SHINDEN HIGHTEX, Corp
  - -KTL Corporation.
  - -Hakuto Co., Ltd.
- D-19 ARKUS Inc.
- F-38 ARM K.K.
  - -Atmel Japan G.K.
  - -Cadence Design Systems, Japan
  - -Enea K.K.
  - -eSOL Co., Ltd.
  - -Faraday Technology Japan Corp.
  - -Freescale Semiconductor Japan Ltd.
  - -IAR Systems K.K.
  - -Mentor Graphics Japan Co., Ltd.
  - -MontaVista Software Japan, Inc.
  - -Nihon Synopsys G.K.
  - -Sohwa & Sophia Technologies
  - -STMicroelectronics K.K.
  - -Thundersoft Japan
  - -TSUZUKI DENKI Co.,LTD.
  - -Yokogawa Digital Computer Corporation
- E-38 Arphic Technology Co., Ltd.
- A-16 Atlassian
- F-02 Atmark Techno, Inc.
- D-48 AUTOMATION REVIEW, INC.
- B-30 AVASYS CORPORATION
- C-35 AXELL CORPORATION
- **B** D-19 Beat System Service Co., Ltd.
- E-37 Beijing Hanyi Keyin Information Technology CO., LTD.
- F-22 Belgium-Flanders / DSP Valley Pavilion
  - -AnSem
  - -DSP Valley
  - -NXP CoolFlux Licensing Business
  - -Sigasi
  - -Sofics
  - -Target
- E-16 BITRAN CORPORATION
- B-15 BITS CO., LTD.
- B-05 Buffalo Memory Co., Ltd.
- **C** A-04 CANON SOFTWARE Inc.
  - -Canon i-tech, Inc
- D-22 CATS CO., LTD.
- E-22 Chips & Media, Inc.
- C-14 CM Engineering Co., Ltd.
- D-39 Computer Engineering & Consulting, LTD.
- D-25 COMPUTEX CO., LTD.
- A-22 congatec Japan Ltd.
- E-28 Control System Security Center
- C-02 CORE CORPORATION
- B-06 COSMO CO.,LTD.
- E-46 Coverity, Inc.
- F-31 Cresco, Ltd.
- V-001 CRI Middleware Co., Ltd.
- V-021 CYDAS, Inc.
- E-38 C&G Incorporated
- **D** A-19 Daichu Technologies Co., Ltd.
- E-12 Data Technology Inc.
- E-44 DEMPA PUBLICATIONS, INC.
- F-21 Digi International K.K.
  - -Avnet Internix K.K.
  - -TOKYO ELECTRON DEVICE LTD.
- A-28 Digital Media Professionals Inc.
- B-04 dSPACE Japan K.K.
- E-05 DynaComware Corporation
- **E** B-21 eForce Co., Ltd.
- E-03 embedded world
- V-022 emBex Inc.
- B-20 EMS-JP Group
  - -ART System Co., Ltd.
  - -Computer System Co., Ltd.
  - -DDL Co., Ltd.
  - -EAGER CO., LTD.
  - -EHT INC.
  - -Hitachi Terminal Mechatronics, Corp.
  - -Kanazawa Engineering System Inc.
  - -KITAGAWA INDUSTRIES CO., LTD.
  - -METATECHNO INC.
  - -NTT PC Communications Incorporated
  - -NUMATA CORPORATION
  - -Unidux, Inc.
- E-39 EPOCH SCIENCE Co., LTD.
- C-29 ERi, Inc
- D-44 eSOL Co., Ltd.
- F-03 eXmotion Co., Ltd.
- **F** E-13 Faraday Technology Japan Corporation
- A-11 Flatoak Co., LTD.
- B-19 FoxitJapan, Inc.
- B-18 FPT JAPAN Co., Ltd.
- E-01 Fujisetsubi Corp.
  - -XJTAG Limited
- E-36 FUJITSU GROUP
  - -FUJITSU COMPUTER TECHNOLOGIES LIMITED
  - -FUJITSU SEMICONDUCTOR LIMITED
  - -FUJITSU SOFTWARE TECHNOLOGIES LIMITED
- **G** V-023 GAILOGIC CORPORATION
- D-15 GAIO TECHNOLOGY CO.,LTD.
- F-27 GENETEC CORPORATION
- F-11 Genuine Technologies Co., Inc.
- F-14 GENUSION, Inc.
- V-009 Gokuh Corp.
- D-02 GRAPE SYSTEMS INC.
- V-010 Greenliant Systems, Ltd.
- **H** E-34 HAGIWARA ELECTRIC CO.,LTD.
- A-15 Hagiwara Solutions Co., Ltd.
  - -Hagiwara Electric Co., Ltd.
  - -Hitachi High-Tech Materials Corporation
  - -INABA DENKI SANGYO CO., LTD.
  - -Ryoyo Electro Corporation
  - -UNIDUX INC.
- V-004 Hakuto Co., LTD.
- B-14 HD-PLC Alliance
- E-23 Heartland.Data Co.,Ltd.
- V-013 Him's Co.,Ltd.
- B-16 HINO ENGINEERING, INC.
- V-002 Hirocon Corp.
- F-24 Hitachi Advanced Digital, Inc.
- A-24 Hitachi Chemical Co.,Ltd.
- C-36 Hitachi Solutions,Ltd.
- D-23 Hitachi Zosen Corporation
- V-024 HPC SYSTEMS Inc.
- **I** B-31 IAR Systems K.K.
- A-25 IGEL Co., Ltd.
- B-28 IIOT Foundation
- D-04,F-10 Imagination Technologies KK
- V-007 Imperas Software Ltd.
- B-09 IMPINJ.Inc
- D-46 INCOM Co., Ltd.
- C-01 Information-Technology Promotion Agency, Japan
- A-09 Infotech Enterprise Japan K.K.
- F-26 Innodisk Corporation
- A-20 Innotech Corporation
- V-018 Inside Secure K.K.
- E-07 INTEC Inc.
- A-01 Intel K.K.
  - -ASAHI ELECTRONICS CO., LTD.
  - -congatec Japan K.K.
  - -DUX Inc.
  - -INNOTECH CORPORATION
  - -Interface Corporation
  - -McAfee Co., Ltd.
  - -NEXCOM International Co., Ltd.
  - -OKAYA ELECTRONICS CORP.
  - -PFU LIMITED
  - -Protech Systems Co., Ltd
  - -ROHM Co., Ltd.
  - -RYOYO ELECTRO CORPORATION
  - -Tekwind Co., Ltd.
  - -TOKYO ELECTRON DEVICE LTD.
  - -TOSHIBA PERSONAL COMPUTER SYSTEM CORPORATION
  - -UNIDUX INC.
  - -VITEC CO.,LTD.
  - -Wind River WK
  - -XLsoft Corporation.
  - -Yamashita Systems Corp.
  - -ZUKEN Inc.
- D-07 INTERFACE CO., LTD.
- B-32 Interface Corporation
- F-35 ITAccess Co.,Ltd.
- B-26 IT Verification Industry Association
- E-15 IVIS Co., Ltd.
- E-25 IWATA CORPORATION
- **J** E-29 Jacom Co., Ltd.
- F-20 Japan Android Group
- B-25 Japan Electronics Packaging and Circuits Association(JPCA)
- D-33 Japan Embedded Systems Technology Association(JASA)
- D-24 Japan Kyastem Co., Ltd.
- E-10 JAPAN NOVA SYSTEMS CO., LTD.
- F-30 Japan Novel Corporation
- F-34 Japan Science and Technology Agency DEOS Research Area
- B-24 Japan Science and Technology Agency, Research Area for dependable VLSI System
- **K** F-19 KALRAY S.A.
- F-04 Kanagawa Institute of Technology HEMS Certification Support Center
- B-12 kansai smart healthcare business innovation initiative
  - -AIST Kansai
  - -DTS CORPORATION
  - -Embedded System Industry Promotion Organization
  - -Kansai Institute of Information Systems
  - -kansai research insutitute
  - -kansai smart healthcare business innovation initiative
  - -MDR
  - -MIYUKI ELEX CO.,LTD
  - -Tori-Link Inc.
  - -UMEDA ELECTRIC CO.,LTD
- C-24 NEC Embedded Products, Ltd.
- C-25 NEC Software Tohoku, Ltd.
- F-25 Net vision Co., Ltd.
- A-07 NIHON DATA SYSTEMS, INC.
- E-35 Nihon SafeNet K.K.
- B-08 Nihon System Kaihatsu
- E-42 Nikon Systems Inc.
- B-17 Nippo Electronics CO., LTD.
- F-07 NIPPON SYSTEMWARE CO., LTD.
- A-06 Nisshin Systems Co., Ltd.
  - -Lantronix Japan co.,ltd.
- A-08 NMR Corporation
- **O** B-10 OXFORD DIGITAL LIMITED
- **P** C-31 P&A Technologies Inc.
- A-10 PFU LIMITED
- E-32 PINON Corp.
- A-18 Portwell Japan, Inc.
- A-26 PRIME GATE Ltd.
- **Q** F-23 Qt by Digia
- **R** V-015 Reactives Systems, Inc.
- B-30 RENESAS EASTON Co., Ltd.
- B-23 Renesas Electronics Corporation
- C-33 Renesas Northern Japan Semiconductor, Inc.
- F-16 Research Group of Embedded Technology, IEC, CPITC
- D-14 REVSONIC Corporation
- D-40 RICOH COMPANY, LTD.
- A-13 Rochester Electronics
- B-03 K.K.ROCKY
- D-43 ROHM Co., Ltd.
- **S** D-47 Sangyo Times, Inc.
- A-21 Sanritz Automation Co., Ltd.
- E-17 SANYO KOGYO CO., LTD.
- D-29 SATORI ELECTRIC CO., LTD.
- F-33 SD Association
- F-06 SECO srl.
- E-09 Seedsware Corporation
- C-27 Sendai City
- F-01 Shikino High-Tech Co., Ltd.
- E-31 SiliconLinux Co., Ltd.
- E-26 Skills Management Association
- F-05 Skyley Networks, Inc.
- F-12 Smart Japan Alliance
- F-23 Software Research Associates, Inc.
- E-04 Spansion Inc.
- F-03 Sparx Systems Japan Co., Ltd.
- V-006 SPINNAKER SYSTEMS INC.
- V-003 Mitsunami Co., Ltd.
- C-26 Miyagi Embedded Technology Association
- C-30 Morioka Area Industrial Vitalization Conference
- E-38 Morisawa Inc.
- E-43 MOTOYA CO., LTD.
- D-27 MOUBIC
- D-18 Murata Manufacturing Co., Ltd.
- F-08 M2M Study Group
- **N** E-06 Nagano Japan Radio Co., Ltd.
- V-005 NALTEC, Inc.
- A-05 National Instruments Japan Corp.
- E-47 NEC Corporation
  - -NEC Engineering, Ltd
  - -NEC Infrontia Corporation
  - -NEC Magnus Communications, Ltd.
- C-24 NEC Embedded Products, Ltd.
- C-25 NEC Software Tohoku, Ltd.
- F-25 Net vision Co., Ltd.
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- F-12 Smart Japan Alliance
- F-23 Software Research Associates, Inc.
- E-04 Spansion Inc.
- F-03 Sparx Systems Japan Co., Ltd.
- V-006 SPINNAKER SYSTEMS INC.
- D-20 StarBridge, Inc.
- F-36 STMicroelectronics K.K.
- E-33 SYSCOM Ltd,
- **T** V-019 Target Compiler Technologies
- F-32 Taiwan Pavilion
- F-32-03 -Taipei Computer Association
- F-32-02 -Andes Technology Corp.
- F-32-06 -ATP Electronics Inc.
- F-32-07 -BOLYMIN, INC.
- F-32-04 -ICOP TECHNOLOGY INC.
- F-32-05 -Nuvoton Technology Corporation
- F-32-01 -Raystar Optronics,Inc.
- A-17 TAIYO YUDENCO., LTD.
- D-42 TAKUMI Corporation
- E-41 TAMUL MULTIMEDIA
- D-41 TDK Corporation
- E-19 TechMatrix Corporation
- E-40 TechnoMathematical Co., Ltd.
- F-05 Tessera Technology Inc.
- D-45 Texas Instruments Japan
  - -Alpha Project
  - -eForce Co.,Ltd.
  - -Heartland.Data Co.,Ltd.
  - -IAR Systems K.K.
  - -JSL Technology
  - -LOSTEAKA
  - -Oki Electric Industry Co., Ltd
  - -Tele Power Inc.
  - -Yokogawa Digital Computer Corporation
  - -Z3Technology LLC
- B-27 TIDA Consortium
- D-21 TOA ELECTRONICS, Inc. Flash Support Group Company
- V-012 TOA MUSENDENKI CO., LTD.
- A-23 Tobii Technology Japan Ltd.
- C-34 TOHOKU MONODZUKURI Corridor
  - -ADK Fuji System,Inc.
  - -Akita Electronics Systems Co.Ltd
  - -Dynamic Solutions Co.,LTD.
  - -Fandroid EAST JAPAN Aomori Branch
  - -I I GA CO. Ltd
  - -IDi Co.,LTD.
  - -Innovative System Solutions Inc.
  - -ISB TOHOKU
  - -JFP,Inc
  - -SAXA System Engineering,Inc
  - -Shinko MechatroTech Co.,Ltd
  - -Sunrise Advanced Engineering Co.,Ltd
  - -TDS Co.,LTD.
  - -Yamagata Next Project2013
  - -YASKAWA INFOMATION EMBEDDED Corporation
- C-28 Tohto C-tech Corporation
- E-27 TOKYO COSMOS ELECTRIC CO., LTD.
- B-29 TOKYO KEIKI INC.
- F-17 Tokyo Metropolitan Industrial Technology Research Institute
- E-20 TOPPERS/SESSAME Pavilion
  - -TOPPERS Project, Inc.
  - -Society of Embedded Software Skill Acquisition for Managers and Engineers
  - -A.I.Corporation
  - -BACKSLASH DESIGN
  - -ESP-Planning Co.Ltd.
  - -NEC Communication Systems, Ltd.
  - -OTSL Inc.
  - -Sunny Giken Inc.
  - -TOKAI SOFT
  - -TOSHIBA System Technology Corporation
  - -WITZ Corp.
- V-016 TOPS Systems Corp.
- A-14 TORADEX AG
- C-03 TOSHIBA Group
  - -Toshiba Corporation
  - -TOSHIBA DIGITAL MEDIA ENGINEERING CORPORATION
  - -TOSHIBA INFORMATION SYSTEMS (JAPAN) CORPORATION
  - -TOSHIBA PERSONAL COMPUTER SYSTEM CORPORATION
- D-01 TOYO Corporation Protocol Solution Group
- D-26 TOYO Corporation Software Solution
- **U** F-18 Ubique Corporation
- D-28 ULTRA-X ASIA PACIFIC
- D-17, F-19 UQUEST LTD.
- **V** B-13 Verification Technology, Inc.
- **X** F-37 Xilinx K.K.
  - -Avnet Internix K.K.
  - -PALTEK Corporation
  - -Tokyo Electron Device Ltd.
- **Y** A-29 Yokogawa Digital Computer Corporation
- D-13 YOKOHAMA Pavilion
  - -AR'S CO., LTD.
  - -Artwork Co., Ltd.
  - -FALCON DENSHI K.K.
  - -FUJITSU MICROELECTRONICS SOLUTIONS LIMITED
  - -HaL Engineering Inc.
  - -Infinitegra, Inc.
  - -INTERMIND inc.
  - -iWave Japan, Inc.
  - -JSP CO., LTD.
  - -MiSPO Co., Ltd.
  - -Sanyu Electronic Industrial Co., Ltd.
  - -SilenceNet, Inc.
  - -Yokohama System Engineering College
- **Z** ZUKEN ELMIC, INC.

Industry-Academia Collaboration Promotion Pavilion

- UI-07 Center for Embedded Computing Systems, Nagoya University
- UI-06 Circuit Design Engineering Laboratory, Faculty of Computer Science and System Engineering,Okayama Prefectural University
- UI-12 HEPT:Hamamatsu Embedded Programming Technology Consortium
- UI-09 Iwate Prefectural University Iwate Monodukuri and Software Integration Technology Center
- UI-04 Kanazawa Institute of Technology / Japan Advanced Institute of Science and Technology
- UI-02 kasahara & Kimura Laboratory, Waseda University
- UI-10 Kyushu Institute of Technology
- UI-05 Nihon University, Nakamura and Takahashi Laboratory, Mochizuki Laboratory
- UI-11 Normally-off computing lab., Future University Hakodate
- UI-01 Sendai National College of Technology K-Skill extension project
- UI-08 Signal Processing Application Laboratory, Kanagawa Institute of Technology
- UI-03 TAKADA Laboratory and EDAHIRO Laboratory, Graduate School of Information Science, Nagoya University

EDSFair 2013 Exhibitor

- **A** D-11 Aldec-Japan K.K.
- C-23 ANSYS Japan K.K.
  - -Apache Design Solutions K.K.
- C-18 Applistar Corporation
- C-10 ArchiTek Corporation
- C-06 ASTRON Inc.
- C-07 Atrenta KK
- C-21 Avant Technology Inc.
  - -Space Codesign Systems Inc.
- **B** C-20 Berkeley Design Automation, Inc.
- D-09 Blue Pearl Software,Inc
- **C** LPB-06 Cadence Design Systems, Japan
- C-22 Carbon Design Systems Japan K.K.
- C-14 CM Engineering Co., Ltd
- C-13 Cybernet Systems Co., Ltd.
- **F** LPB-04 Future Facilities KK
- **G** LPB-05 Gem Design Technologies, Inc.
- LPB-02 Giga Hertz Technology Inc.
- LPB-09 Graduate School of System Informatics, Kobe University
- **I** C-17 IBIS Quality Framework (JEITA EC CENTER)
- D-05 InfiniScale S.A
- **J** C-09 Japan Circuit Co.,Ltd.
- LPB-08 Japan Circuit Co.,Ltd.
- LPB-11 JEITA : LSI Package Board Interoperable Design Process Working Group
- LPB-10 JEITA : Technical Committee on Integrated Circuits
- **M** IBIS-01 Mentor Graphics Japan Co., Ltd.
- IBIS-02 MODeCH Inc.
- C-19 MunEDA GmbH
- **N** B-33 Nihon Real Intent, K.K.
- LPB-03 Nimbic, Inc. (STAY SHIFT Co.,LTD)
- C-05 NTT DATA Mathematical Systems Inc.
- **O** LPB-01 Oscillated Recall Technology, Inc.
- C-12 Oski TECHNOLOGY
- **P** C-15 ProPlus Design Solutions KK
- **S** D-06 SPEC INDIA
- D-03 Synkom Co.,Ltd.
  - -Jasper Design Automation
- **T** C-16 Tanner Research Japan K.K.
- UI-13 The University of Aizu, Saito Laboratory
- C-04 TOOL CORPORATION
- C-08 TowerJazz Japan.Ltd.
- **W** C-11 WINdWARD Corporation
- **Z** LPB-07 ZUKEN Inc.

11.20 [Wed]

Keynote Session

K-1 10:00-11:00 Conference Center 5F [501+502]

Evolving Automotive Electronics Systems
Shigeru Kuroyanagi
General Manager, Vehicle Control System Infrastructure Development Div. TOYOTA MOTOR CORPORATION

Special Lecture

S-1 12:30-13:30 Conference Center 5F [501+502]

From WEB Society to FAB Society
- What is 3D Printing? The Impact and Potential of Fabrication -
Hiroya Tanaka
Associate Professor, Faculty of Environment and Information Studies, Keio University

S-2 16:00-17:00 Annex Hall [F205+F206]

Issues and Policy Development on Embedded System Industry
Junichi Eguchi
Director, Information Service Industry Division, Commerce and Information Policy Bureau. Ministry of Economy, Trade and Industry

Panel Session

P-1 14:00-15:45 Conference Center 5F [501+502]

Waves of Control System Security After Functional Safety
- Intelligent Securing of Both Safety and Security -
[Moderator]
Kiichiro Tamaru *[Chief Advisor, Software Reliability Enhancement Center, Technology Headquarters, Information-technology Promotion Agency, Japan]*
[Panelist]
Seiichi Shin *[Professor, Graduate School of Informatics and Engineering, University of Electro-Communications]*
Hitoshi Ohsaki *[Deputy Director, Office of IT Security Policy, Commerce and Information Policy Bureau, Ministry of Economy, Trade and Industry]*
Tsukasa Ogino *[President & CEO, Ubiteq, INC.]*
Yusuke Mizuno *[Director, Member of the Board, Osaka Development Center, Panasonic Advanced Technology Development Co., Ltd]*
Manabu Wada *[Assistant General Manager, CAE Development Dept. & Sapporo Office WITZ Corporation]*

Technical Session

TS-1 10:00-11:30 Annex Hall [F202]
System description and hazard & security analysis by SysML
Noboru Nakano *[COO, Electronics Division, Fujisetsubi Corp.]*

TS-2 12:00-13:30 Annex Hall [F202]
ISO26262 work products using JASPAR Functional Safety Template
Masanori Usami *[Chief Architect, New Business Promotion Office Research& Consultation Service Group, eSOL Co., Ltd.]*

TS-3 14:00-15:30 Annex Hall [F202]
Overview of Tizen: Next Generation Multi-Profile OS
Toshiyuki Mitsue *[Opensource Technology Center, Software & Service Group, Intel Japan K.K.]*

Analog Upskilling Track

*Japanese Only

AS-1 10:30-12:30 Exhibition Hall Conference A
Concept for High-Precision Control System Composition From an Analog Viewpoint
-Analog (= Precision) and Digital (= Functions) Combine to Offer Performance-
Kozo Nakamura *[Engineering Expert, Sales & Application, Application, Central Application, Texas Instruments Japan Ltd]*

AS-2 13:00-14:00 Exhibition Hall Conference A
Topologies of and designing for LED lighting applications: From low, to high power
Kazuhide Sakamoto *[IMS Competence Center, STMicroelectronics]*

AS-3 14:15-15:15 Exhibition Hall Conference A
Novel Techniques for Driving Three-Phase BLDC Motors in Low to Medium Power Applications
Tetsuro Kontani *[Microchip Technology Japan K.K.]*

AS-4 15:30-16:30 Exhibition Hall Conference A
Elementary simulation and modeling for switched- mode power supply
- Cost Reduction: Breaking away From Craftsmanship and Toward Model Simulation Techniques -
Hiroyuki Mashima *[Manager, Products Department, IVIS Co.,Ltd.]*

Design and Verification Tool Track

DVT-1 10:30-11:15 Exhibition Hall Conference C
Version management of large data in a distributed development
Kikuo Okano *[Lead SCM Designer, Software Solution, TOYO Corporation]*

DVT-2 11:30-12:15 Exhibition Hall Conference C
Software Product Line Development : Get tips on reuse
- Cursed with version hell ? -
Yoshio Asano *[COO, Electronics Division, Fujisetsubi Corp.]*

DVT-3 12:30-13:15 Exhibition Hall Conference C
Workflow for Implementing Programmable SoC with Model-Based Design
Atsushi Matsumoto *[Senior Application Engineer, Application Engineering Group, MathWorks Japan]*

DVT-4 13:30-14:15 Exhibition Hall Conference C
Improving the Quality of Model-Based Test Design
- Breaking Away From Test Designing That Relies on Hunch, Experience and Boldness -
Ryuko Yoshikawa *[Manager, Sales Group Product Div. CATS CO.,LTD.]*

DVT-5 14:30-15:15 Exhibition Hall Conference C
Fastest way to using NI LabVIEW for embedded programming, to reduce development time by half
- Standardized platform for Real-time OS, FPGA, and Windows -
Chizuru Amanuma *[Product Marketing Engineer, Marketing, Technical Marketing, National Instruments Japan Corporation]*

DVT-6 15:30-16:15 Exhibition Hall Conference C
SysML Requirements Diagram and Requirements Management
- Idea to Use Requirements Diagram -
Takeshi Kouno *[CEO, SparxSystems Japan Co.,Ltd.]*

Robotics Session

RT-1 10:00-11:00 Annex Hall [F204]
Cloud Networked Robotics and Related Embedded Technology
Miwako Doi *[Chief Fellow, Corporate Research & Develeopment Center, Toshiba Corp.]*

RT-2 11:00-12:00 Annex Hall [F204]
International Standardization of Robotics Technology
- Functional Safety, Communication, and Software Platform -
Kenichi Nakamura *[President, Upwind technology, Inc.]*

Smart Energy Track

SE-1 10:30-11:15 Exhibition Hall Conference B
The Yokohama Smart City Project (YSCP)
Masahiko Yoshida *[Manager, Climate Change Policy Headquarters, City of Yokohama]*
Yokohama Smart Community
- Communities of the Future -
Hitoshi Arima *[President, dSPACE Japan K.K. / Yokohama Smart Community]*

SE-2 11:30-12:15 Exhibition Hall Conference B
Energy-Efficient Dual Motor Control in Home Appliances
Kent Soh *[Senior Field Applications Engineer, Microchip Technology Japan K.K.]*

SE-3 12:30-13:15 Exhibition Hall Conference B
Outline and design practice of ECHONET Lite for Smart Houses
Atsuro Iwabuchi *[Deputy General Manager, Development Division, ZUKEN ELMIC. Inc.]*

SE-4 13:30-14:15 Exhibition Hall Conference B
Future of EMS Network Solutions from Home Network to Smart Grid
Nobuo Komatsu *[General Manager, Solution Business Operation Division, Nissin Systems co.,Ltd.]*

SE-5 14:30-15:15 Exhibition Hall Conference B
Smart House Trends and TI Solutions
Sakai Masamitsu *[Texas Instruments Japan]*

SE-6 15:30-16:15 Exhibition Hall Conference B
Realizing Battery-free solution using Energy Harvesting Power Management ICs
Masahiro Natsume *[Manager, Analog & Mixed Signal Marketing, Spansion Innovates Limited]*

Control System Security Session

SS-1 10:30-11:15 Annex Hall [F201]
Government Efforts to Ensure the Security of Control Systems
-Protecting Citizens' Lives From Threats on the Security of Social Infrastructure-
Masahiro Uemura *[Director, Office for IT Security Policy, Ministry of Economy, Trade and Industry]*

SS-2 11:30-12:15 Annex Hall [F201]
Control System Security Standard IEC62443 Overview and - Certification
Hideaki Kobayashi *[Vice President CSSC/CL Laboratory Director, CSSC Certification Laboratory CSSC-CL), Technology Research Association Control System Security Center]*

SS-3 13:00-13:45 Annex Hall [F201]
Current Situation and Activities on Cyber Security of Automotive Systems
Hiroaki Takada *[Professor, Graduate School of Information Science, Nagoya University]*

Special Session

C-1 10:00-12:00 Anex Hall [F205 + F206]
Human-Centered Design Forum 2013
- Case studies and usability for embedded software -
•10:00-10:20
BtoB business innovations through UX (User Experience)
- Proposal for various customer touch points based on user experience activity -
Shinsuke Kashima *[Marketing Division, Hitachi Systems Ltd]*
•10:25-10:45
Incorporating HMI metrics into the Embedded System Development Process
- How to make use of HCD expertise in daily development work -
Haruhiko Urokohara *[President, U'eyes Design Corp.]*
Shigeto Kudo *[HI CORPORATION]*
•10:50-11:10
Human Centered Design Approach in IBM
Eiki Shibata *[Managing Consultant, GBS AIS UCD Service, IBM Japan, Ltd.]*
•11:15-11:35
Application of Human Centered Design Methods in Research and Development
Koji Nakamura *[Project General Manager, ENGINEERING RESEARCH & DEVELOPMENT CENTER DP-MJJ DEPARTMENT, DENSO CORPORATION]*
•11:40-12:00
Case Study of project by utilizing Human Centered Design
Kazuhiko Yamazaki *[Professor, Department of Design, Chiba Institute of Technology]*

C-2 14:30-16:30 Annex Hall [F201]
Android Technology & Marketing
•14:30-14:50
Android changes technology of mobile phone
Yoshikazu Shima *[Chairman of Japan Android Group]*
•14:55-15:15
Cloud+Android+external devices cooperation changes method of embedded system
Michihiro Imaoka *[CEO of Imaoka Engineering Office/Japan Android Group]*
•15:20-15:40
Android USB Camera Technology and Business
Yoshihiro Shimizu *[CEO of Infinitegra/Japan Android Group]*
•15:45-16:05
How to connect between Android and a robot.
Noboru Sugiura *[CEO of Techno Road/Japan Android Group]*
•16:10-16:30
The Maker Movement and Android
Kenichi Ohwada *[CEO of Aztech/Japan Android Group]*

JASA Technical Seminar

JG-1 13:00-13:40 Annex Hall [F204]
Agile Research Group: Introduction to Adopting Agile Embedded Systems
Takashi Sato *[CORE CORPORATION]*

JG-2 13:50-14:30 Annex Hall [F204]
State Transition Design Research Group
Approaches to the Application of the State-Transition-Matrix in Reverse Modeling
Naofumi Sugaya *[Engineer, Control Systems Division Engineering Department 1, Hitachi Advanced Digital, Inc.]*

JG-3 14:40-15:20 Annex Hall [F204]
Platform Research Group: OpenEL: The Next Generation Platform for Robot Development An International Standard Developed in Japan
Sinpei Konoshima *[Software Engineer, Engineering Department, Upwind Technology, Inc.]*

JG-4 15:30-16:10 Annex Hall [F204]
Safety Improvement Committee Methods and Processes for Specification of Requests
Hiroshi Nakamura *[President, Rentacoach Corporation]*

JG-5 16:20-17:00 Annex Hall [F204]
Hardware Committee: What Are the Hardware Skills of Embedded Systems Engineers?
Takuji Ozawa *[Executive Director, CQ Publishing Co.,Ltd.]*
Mitsuaki Kinoshita *[SYSTEM CRAFT Incorporation.]*

Study Seminar

GG-1 13:30-15:00 Event Hall [E205]
Industry/Research Seminar for Students and Educators
- Learn more about the embedded systems industry/ET to support manufacturing!
A message from young engineers and corporate recruiters/educators active in the embedded systems industry -
•13:30-13:50
Why I Aimed to Enter the Embedded Systems Industry
- A mechanical engineering student enters the embedded systems industry, and miraculously achieves real business results via on-the-job training (OJT) -
Tomoyuki Yokota *[Embedded Development Department (Kobe) UQUEST, LTD.]*
•13:50-14:10
Creating & Nurturing Professional Engineers
- Human resource development & adopting eSOL's "Engineer Collectives" for embedded technology -
Ayako Sawada *[eSOL Co.,Ltd.]*
•14:10-14:30
Ideal Human Resources Sought by Industry and Companies
- Some issues surrounding essential technical skills and education? from the results of questionnaires on essential technical knowledge for new employees -
Mitsuaki Miyashita *[Training Committee, Japan Embedded Systems Technology Association (JASA)]*
•14:40-15:00
Introducing the ET Robocon: Aiming to educate embedded engineer
- Two types of engineering education that look ahead 5 years or 10 years to the future -
Mitsuyuki Hoshi *[Chairman, ET robot software contest committee in Japan]*

11.21 [Thu]

Keynote Session

K-2 10 : 00 - 11:00 Conference Center 5F [501+502]

Biomedical Sensing Technology:
Paving the Way for Next-Generation Smart Healthcare
Toshikazu Shiga, Ph.D.
Advisory Technology Specialist, Research and Development Department, OMRON HEALTHCARE Co., Ltd.

Special Lecture

S-3 12:30-13:30 Conference Center 5F [501+502]

Big Data and Embedded Systems Technology
Ken Sakamura
Professor, Interfaculty Initiative in Information Studies Graduate School of Interdisciplinary Information Studies, The University of Tokyo

Panel Session

P-2 14:00-16:00 Conference Center 5F [501+502]

Trend of Cloud Solution in Embedded Fields
[Moderator]
Eiji Yokota
Managing Director, Cross Media Group, Nikkei BP Consulting,Inc.
[Panelist]
Kazuo Kajimoto *[Senior Councilor, Cloud Solution Center, Panasonic Corporation]*
Tsukasa Ogino *[President & CEO, Ubiteq,INC.]*
Kazuaki Murakami *[Professor, Graduate School of Information Science and Electrical Engineering, Kyushu University]*
Morio Hirahara *[Senior Manager, Home Solutions Engineering Dept., Toshiba Corporation, Community Solutions Company, Community Solutions Div.]*

Technical Session

TS-4 10:00-11:30 Annex Hall [F202]
The best known method from the failure example in Linux platform development
Shiro Kiuchi *[President, Forty Six Lab.]*

TS-5 12:00-13:30 Annex Hall [F202]
Practical Rapid Prototyping
- Applying Arduino and Other Cloud-based Prototyping Tools -
Yuuki Okamiya *[Engineer, New Solution Platform Division, 1st Business Unit, Renesas Electronics]*

TS-6 14:00-15:30 Annex Hall [F202]
Quality approach for embedded software development
Masayuki Hirayama *[Professor, College of Science and Technology, Nihon Univ.]*

Design and Verification Tool Track

DVT-7 10:30-11:15 Exhibition Hall Conference C
Virtualization of development platforms and how to bring out the value
Yasuhiro Yoshimoto *[Application Engineer, WW Embedded Systems Channel, Mentor Graphics Japan Co., Ltd.]*

DVT-8 11:30-12:15 Exhibition Hall Conference C
Hardware/Software Co-Simulation with Simics.
- Breakthrough Using Full System Simulation -
Takeshi Takayama *[Senior Engineer, Engineering Department, IT Access Co.Ltd.]*

DVT-9 12:30-13:15 Exhibition Hall Conference C
Product and Technology Overview of Yogitech's Software Test Library-fRSTL- for Functional Safety
Hiroo Suyama *[Business Development Manager, New Business Promotion Office, eSOL Co., Ltd.]*

DVT-10 13:30-14:15 Exhibition Hall Conference C
Development of the Advanced Battery Management System (MBS)
Takashi Miyano *[Director, Solution Engineering Department, d SPACE Japan K.K.]*

DVT-11 14:30-15:15 Exhibition Hall Conference C
Issues and Measures Related to the Shift to Model-Based Development
Takashi Mishima *[Chief Specialist, Embedded System Division, TOSHIBA INFORMATION SYSTEMS (JAPAN) CORPORATION]*

DVT-12 15:30-16:15 Exhibition Hall Conference C
Can't stop the system? Software verification by dynamic analysis can help you!
- Most recent debugging approach for the real-time control system -
Masahiro Takeshima *[Department Manager, Business Promotion Dept.1 Embedded Products Business Headquarters, Yokogawa Digital Computer Corporation]*

FPGA Track

FP-1 10:30-11:15 Exhibition Hall Conference A
FPGA 101 for beginners
Elias Ahmed *[Product Marketing Manager, Marketing Department, Altera Japan, LTD.]*

FP-2 11:30-12:15 Exhibition Hall Conference A
Ultra high-speed interface technologies in Leading edge 20nm & 14nm FPGAs
Eiji Hashizume *[Sr. Product Marketing Manager, Marketing Department, Altera Japan, LTD.]*

FP-3 12:30-13:15 Exhibition Hall Conference A
ARM-Based FPGA for Next-Generation Embedded Systems
- Implementation of Cortex-A9 Hardware & Software -
Takayuki Oyama *[Product Marketing Manager, Marketing Department, Altera Japan, LTD.]*

FP-4 13:30-14:15 Exhibition Hall Conference A
Open the door of further design quality of FPGA to the future
- How to Solve the Limitations of Debugging on Actual Machines -
Seiichi Futami *[Manager, LSI Design and Verification Department, CM Engineering Co.,Ltd.]*

FP-5 14:30-15:15 Exhibition Hall Conference A
Nine Reasons Why the Xilinx Zynq-7000 All Programmable SoC Platform is the Smartest Solution
- More than Silicon: A Comprehensive Platform Offering -
Kazunori Toyama *[Zynq Japan Business Development Manager, Marketing Department, Xilinx K.K.]*

FP-6 15:30-16:15 Exhibition Hall Conference A
Xilinx Zynq-7000 All Programmable SoC: Before & After Application
Hideo Nakajima *[PLD Division, PLD Technical Department, TOKYO ELECTRON DEVICE LTD.]*

Be Connected with ET Track

BCE-1 10:30-11:15 Exhibition Hall Conference B
M2M Cloud Sensor Network System
Ito Ayaka *[Ubiquitous Solution Div., Ad-Sol Nissin Corp.]*

BCE-2 11:30-12:15 Exhibition Hall Conference B
The Key to Improved Productivity in Embedded Systems (From IP Protection to Profitability)
Yasuyuki Koike *[Director, Software Monetization divition, SafeNet Japan]*

BCE-3 12:30-13:15 Exhibition Hall Conference B
Embedded Security for Mobile Device
- Introducing of the latest embedded security solutions for mobile devices -
Toru Furukawa *[Senior Field Application Engineer, Embedded Security Div, Inside Secure K.K.]*

BCE-4 13:30-14:15 Exhibition Hall Conference B
Introduction to Energy Harvesting System for Ambient Radio Waveform
Koichiro Noguchi *[Engineer, Smart System Research and Development Department, Core New Core-technology Development 1st Solution Business Unit, Renesas Electronics Corporation]*

BCE-5 14:30-15:15 Exhibition Hall Conference B
The Current State and Future Prospects of ICT and Robotics in Agriculture
Noboru Noguchi *[Professor, Research Faculty of Agriculture, Hokkaido University]*

BCE-6 15:30-16:15 Exhibition Hall Conference B
Secure Communication Using Cortex-M MCU
- Application from Basic SSL Communication to ECHONET Lite Communication Protocol -
Mamoru Abe *[Data Technology Inc.]*
Yasuhiro Sugano *[B.U.G. MORI SEIKI CO., LTD.]*

Special Session

C-3 10:00-12:00 Annex Hall [F201]
Traceability Management for High Quality Development
Masahiko Watanabe *[Director, General Incorporated Association for TERAS]*

C-4 10:00-13:00 Annex Hall [F206]
Education of practical engineers for Model Based Development
•10:00-10:10
Introducing the Activities of SMA
Hitoshi Arima *[Skills Management Association/President, dSPACE. Japan K.K.]*
•10:10-11:30
Case studies (introduced by each panelist)
•11:40-13:00
Discussion
[Moderator]
Kiichiro Tamaru *[Chief Advisor, Software Reliability Enhancement Center, Technology Headquarters, Information-technology Promotion Agency, Japan]*
[Panelist]
Takaaki Fukusako *[Chief Engineer Department 2, Technology Development Division 1, HONDA R&D Co.,Ltd. Automobile R&D Center]*
Junichi Fukuda *[Manager, ePF R&D Division, DENSO CORPORATION]*
Takayuki Kubo *[CHIEF SENIOR SPECIALIST, SCIENTIFIC ANALYSIS ENGINEERING GROUP, AISIN AW CO.,LTD.]*
Akihiro Yamashiro *[Chief Specialist, Quality Assurance Group, Production Planning and Control Div., Toshiba Solutions Corporation]*
Toyotaka Hagiwara *[Software Engineering Training Group, Imaging Products Software Engineering & Quality Control Department, SEIKO EPSON CORPORATION]*
Soichiro Nakamura *[President, Smart Energy Laboratory Co.,Ltd.]*

C-5 14:00-16:30 Annex Hall [F201]
Problem Solving Seminar 2013: Derivative Development
- Starting off with improvements-changing the future of derivative development -
•14:00-14:40
The Necessity and importance to Handle the Enhancement-based Development
Yoshio Shimizu *[CEO, System Creates Inc./Representative, AFFORDD(Association For Facilitation Of Rational Derivational Development)]*
•14:40-15:20
Mafia Offer of XDDP
- Un-Refusable Offer of XDDP -
Masakazu Yagi *[Researcher, Hitachi, Ltd.]*
•15:30-16:00
Derivational/Delta-Oriented Engineering and Product Line Engineering
Yoshikazu Hayashi *[Software Product Line Expert, Industrial Systems Division 1, Software Research Associates, Inc.]*
•16:00-16:30
Panel Discussion: Bright Sides and Dark Sides of Derivational/Delta-Oriented Development in the Real World
[Moderator]
Yoshikazu Hayashi *[Software Product Line Expert, Industrial Systems Division 1, Software Research Associates, Inc.]*
[Panelist]
Takashi Ishizaki *[Project Assistant Manager, Information & Communications Technology Eng. Div.3, DENSO CORPORATION]*
Yoshiaki Saito *[Manager, Controller Development Innovation Controller Development Group, Fuji Xerox Co., Ltd.]*

C-6 14:00-17:00 Annex Hall [F206]
TOPPERS Session (1): TOPPERS Overview Session
•14:00-15:20
Overview of TOPPERS Project
Hiroaki Takada *[Professor, Graduate School of Information Science, Nagoya University]*
Multi-Core RTOS and Virtualization for Programmable SoC(Xilinx Zynq /Altera SoC)
Shinya Honda *[Associate professor, Center for Embedded Computer Systems, Graduate School of Information Science, Nagoya University]*
Introduction of TOPPERS/PARK, and Utilization for Security
Ayumu Sugiyama *[Manager, Embedded Control system R&D Dept Safety & Security PF development section, WITZ Corporation]*
TOPPERS Session (2) AUTOSAR-related Session
•15:30-17:00
Development and Open-sourcing of AUTOSAR Pratform
Kazuto Shigihara *[Researcher, Center for Embedded Computer Systems, Graduate School of Information Science, Nagoya University]*
Introduction of ATK2 based on AUTOSAR OS Specification
Kei Dan *[Chubu Branch Office Regional Area Business, FUJISOFT INCORMPRATED]*
Introduction of Test Suites for AUTOSAR OS
Wataru Hirahashi *[Researcher, Center for Embedded Computer Systems, Graduate School of Information Science, Nagoya University]*

JASA Global Forum 2013

JF 12:30-17:00 Annex Hall [F204]
Embedded system companies know the situation opportunities in Asian countries
•12:30-12:45
On the Occasion of JASA Global Forum 2013
Welcoming Address, Chairperson of the JASA International Committee
Yutaka Hirota *[Chairperson, JASA International Committee]*
•12:45-13:15
Outsourcing of Embedded Software Development
Huynh Mui *[President, Thang Long College of Technology]*
•13:15-13:45
The Skills and Services of Indonesian Embedded Systems Engineers
Yusuke Higaki *[Country Manager, JobStreet ASEAN Business Consulting Kabushiki Kaisha]*
•13:55-14:40
Introduction to Myanmar *Features consecutive interpreting
Aung Zaw Myint *[Vice Chairman, Myanmar ICT Development Co., Ltd.]*
•14:40-15:10
The Philippines as a VIP country and its potential for Japanese companies
- Attractive features of the Philippines for Japanese companies targeting ASEAN countries -
Shigeru Koda *[Representative Director, ASJ, Inc.]*
Huynh Mui *[President, Thang Long College of Technology]*
•15:25-16:55
Which country best fits the future growth of my company?
[Moderator]
Shintaro Nezuka *[Chairman, Global Executive Consulting]*
[Panelist]
Huynh Mui *[President, Thang Long College of Technology]*
Yusuke Higaki *[Country Manager, JobStreet ASEAN Business Consulting Kabushiki Kaisha]*
Aung Zaw Myint *[Vice Chairman, Myanmar ICT Development Co., Ltd.]*
Shigeru Koda *[Representative Director, ASJ, Inc.]*
•17:00-18:00
Business Card Exchange Session

IPA Seminar

IPA-1 10:20-11:50 Annex Hall [F205]
•10:20-11:20
A way to High Reliable Software
Seiichi Shin *[Professor, Department of Mechanical Engineering and Intelligent Systems, The University of Electro-Communications]*
•11:20-11:50
Visualization of software reliability at the user point of view
Yuzo Nakamura *[Software Group Leader, Technology Headquarters Software Reliability, Information-technology Promotion Agency, Japan Enhancement Center]*

IPA-2 13:00-14:00 Annex Hall [F205]
In order to lead system development to a success.
-MBSE description-"A guide for introduction of Model Based Systems Engineering"
Hisashi Suzuki *[President, Systems architect, COGITO MACHINA Inc.]*

IPA-3 14:20-15:20 Annex Hall [F205]
Approaches for Connected Vehicle Security
-How the formal methods projects have been carried out and what we can learn from them?-
Manabu Nakano *[Researcher, Security Engineering Laboratory, IT Security Center, Information-technology Promotion Agency, Japan]*

IPA-4 15:40-16:40 Annex Hall [F205]
The Application of VDM to the Industrial Development of Firmware for "FeliCa" Smart Card IC Chip
Taro Kurita *[Senior Manager, Section 2, Development Department, FeliCa Networks, Inc]*

11.22 [Fri]

Keynote Session

K-3 12:30 - 13:30 Conference Center 5F [501+502]

Energy Systems Challenges for Next-Generation Smart Housing
- Autonomous Distributed Power Systems:Applying Cutting-Edge Technology -
Takekazu Okada
Vice President, Device Research &Development Center, Murata Manufacturing Co., Ltd.

Invited Lecture

I-1 10:00 - 11:00 Conference Center 5F [501+502]

Expanding the device universe
- How Microsoft enables real Intelligent Systems -
Rodney Clark
General Manager, OEM Embedded, Microsoft Corporation

Special Session

S-4 11:30 - 12:15 Conference Center 5F [501+502]

Title: (TBA)
Yasuhiro Morita
Institute of Space and Astronautical Science, Japan Aerospace Exploration Agency

Additional Invited Lecture

IS-1 10:30-11:30 Annex Hall [F201]

A More Powerful Embedded Innovations Proposed by the New Spansion
Takeshi Fuse
Senior Vice President, Spansion Innovates Limited

Panel Session

K-3 12:30 - 13:30 Conference Center 5F [501+502]

The Wanted Embedded Systems Architect
- Talking with Pioneering Systems Architects -
[Moderator]
Tomonori Shindoh *[Staff Writer, Nikkei Computer, Nikkei Business Publications, Inc.]*
[Panelist]
Masahiro Sato *[Senior Specialist, Engineering Dept.M3, ALPS ELECTRIC CO., LTD.]*
Taro Kurita *[Senior Manager, Development Department, FeliCa Networks, Inc.]*
Tetsuharu Kohkaki *[Specialist, Cloud Technology Development Department, RICOH COMPANY, LTD. Work Solutions Development Division]*
Shusuke Haruna *[Specially Appointed Professor, Graduate School of Information Science & Technology, Osaka University]*

Technical Session

TS-7 10:00-11:30 Annex Hall [F202]
Quantitative Evaluation and Improvement of Software Quality by Metrics
Hironori Washizaki *[Head, Associate Professor, Global Software Engineering Laboratory, Waseda University]*

TS-8 12:00-13:30 Annex Hall [F202]
Challenges on formal methods for automotive functional safety and security
Naoki Matsumoto *[General Manager, ePF technology R&D department, DENSO Corporation]*

TS-9 14:00-15:30 Annex Hall [F202]
Demand for Vehicle Control Software Development Tools & Approach for MBD Development
- Prospects and Challenges as Seen by Former Automobile Engineers -
Shigeru Sasaki *[Senior Technical Expert, Solution Engineering Department, dSPACE Japan K.K.]*

Design and Verification Tool Track

DVT-13 10:30-11:30 Exhibition Hall Conference C
Introducing an efficient method of reviewing the results of static analysis tool
Hirofumi Makita *[Senior Engineer, SPQA Group, Embedded Testing Division, A. I. Corporation]*

DVT-14 11:30-12:15 Exhibition Hall Conference C
Economic contribution of Static Analysis for loss caused by bugs and security vulnerabilities in source code
Takuya Tamaki *[Deputy General Manager, Enterprise Solutions Div. Business Promotion Dept. Marubeni Information Systems Co.,Ltd.]*

DVT-15 12:30-13:15 Exhibition Hall Conference C
Strengthening Development Abilities Through Quality Coding and Testing
- Recommendation of Development Tests -
Yukio Yasutake *[Sr. Manager, APAC Marketing, Coverity Inc.]*

DVT-16 13:30-14:15 Exhibition Hall Conference C
Getting Real Movements and Shift Toward the Scalable Software Development
- The Concept of Dynamic Software Measuring -
Masashi Arai *[Manager, Sales department Technical support division, Heartland.Data Co., Ltd.]*

DVT-17 14:30-15:15 Exhibition Hall Conference C
Embedded agile software development from Test Driven Development (TDD)
Kazutoshi Kitta *[Manager, Software Engineering Technical Department, TechMatrix Corporation]*

DVT-18 15:30-16:15 Exhibition Hall Conference C
Migration from 8/16-bit to 32-bit MCUs
- Tips on Versatile Porting Techniques -
Hiroki Akaboshi *[Team Leader, Engineering Team, IAR Systems K.K.]*

FPGA Track

FP-7 10:30-11:15 Exhibition Hall Conference A]
Staying a Generation Ahead: Xilinx UltraScale Architecture
- Our Next Architecture for your Next Architecture -
Zha Zheng *[Product Marketing Specialist, Marketing Department, Xilinx K.K.]*

FP-8 11:30-12:15 Exhibition Hall Conference A
Xilinx Vivado Design Suite: the Industry's First SoC-Oriented Design Environment
- Productivity. Multiplied. -
Zha Zheng *[Product Marketing Specialist, Marketing Department, Xilinx K.K.]*

FP-9 12:30-13:15 Exhibition Hall Conference A
Introduction of Tabula's 3PLD -device applications with higher performance than FPGA.
Kenichi Yoshikawa *[Manager, LSI Development Dept. RENESAS EASTON Co.,Ltd.]*

FP-10 13:30-14:15 Exhibition Hall Conference A
Verification Technique & Verification Reuse for FPGA Sign-off
Akio Mitsuhashi *[Director, Marketing, Mentor Graphics Japan Co., Ltd.]*

FP-11 14:30-15:15 Exhibition Hall Conference A
Altera FPGA Industrial Sdutions
- Applications of Altera's FPGA Solutions to Industrial Devices -
Kenji Yoshida *[Customer Marketing Manager, Customer Marketing, Altera Japan, LTD.]*

FP-12 15:30-16:15 Exhibition Hall Conference A
Latest embedded solution in Automotive systems Using SoC FPGA
Takayuki Ikushima *[Market Development Manager, Automotive, Industrial & Automotive Business Unit]*

Be Connected with ET Track

BCE-7 10:30-11:15 Exhibition Hall Conference B
ET-Linked Social Solutions and Embedded Technology Markets
- A New World by NEC -
Kazuyoshi Kuwahara *[Exective Consultant, Enterprise Solution Development Division, NEC Corporation]*

BCE-8 11:30-12:15 Exhibition Hall Conference B
Solution which connect devices to overall systems
- Ensigma, Flow and Hellosoft: Connecting & Communicating reliably -
Volker Politz *[Vice President, Business Development, Imagination Technologies]*

BCE-9 12:30-13:15 Exhibition Hall Conference B
Eurotech M2M Solutions and Case Studies
- Everyware Cloud & Intelligent Gateway -
Takeshi Hashimoto *[Business Development Manager, EUROTECH SYSTEMS Business Unit, Advanet Inc.]*

BCE-10 13:30-14:15 Exhibition Hall Conference B
TWE-Lite:Itsy bitsy RF module
Seigo Okumura *[MANAGER, WIRELESS DEPT. TOKYO COSMOS ELECTRIC CO.,LTD.]*

BCE-11 14:30-15:15 Exhibition Hall Conference B
Expectations and problems of web browsers for embedded devices from the viewpoint of web developers
Futomi Hatano *[Chief Technology Officer, Newphoria Corporation]*

BCE-12 15:30-16:15 Exhibition Hall Conference B
Trends of M2M Technology and Its Application Around the Globe
Shoho Egawa *[Regional Manager, Digi International K.K.]*

Special Session

C-7 10:00-14:00 Annex Hall[F206]
Open Systems Dependability Will Change the World
-DEOS (technology to improve the dependability of ever-changing systems) is finally ready for practical implementation!-
•10:00-10:20
Opening Remarks
Mario Tokoro *[Founder and Executive Advisor, Sony Computer Science Laboratories, Inc.]*
•10:20-10:45
Agreement Description Database and Accountability: Core of D-ADD : DEOS Process
Yasuhiko Yokote *[CDO, Cyber AI Entertainment Inc. Project Professor, Keio University, Graduate School of Media and Governance]*
•10:45-11:10
Verification and Evaluation of D-Case
Shuichiro Yamamoto *[Professor, Strategy Office, Information and Communication Headquarters, Nagoya University]*
•11:20-11:45
Scripting Techniques for D-Case Linking
Kimio Kuramitsu *[Associate Professor, Graduate School of Engineering, Yokohama National University]*
•11:45-12:10
D-Case for Mobile Robot Application
Satoshi Kagami *[Deputy Director, Digital Human Research Center, National Institute of Advanced Industrial Science and Technology]*
•12:10-12:35
Bugs and Vulnerabilities in Linux
- An Approach to Tolerating Incompleteness -
Kenji Kono *[Associate Professor, Faculty of Science and Technology, Keio University]*
•12:45-13:25
International Standardization of Open Systems Dependability for Practical Use of DEOS
Makoto Takeyama *[Researcher, Faculty of Science Department of Information Science, Kanagawa University]*
Mario Tokoro *[Founder and Executive Advisor, Sony Computer Science Laboratories, Inc.]*
•13:25-13:45
"The Association of Dependability Engineering for Open Systems (DEOS Association)" has startup, and its future
Shozo Takeoka *[CEO, AXE, Inc.]*
•13:45-14:00
Closing Remarks
Mario Tokoro *[Founder and Executive Advisor, Sony Computer Science Laboratories, Inc.]*

C-8 14:30-17:30 Annex Hall[F206]
Building High Reliability into Smart Systems
•14:30-15:30
The Activities of the Smart System Verification and Validation Technology Association (SVA) for the Building of Safe and Secure Smart Systems
Hitoshi Arima *[Director, Smart System Verification and Validation Technology Association]*
•15:30-16:30
Toward realizing a sustainable safe and secure smart society
-Smart House projects moved from functional demonstration to quality demonstration-
Yoshimichi Nakamura *[Sub director, Smart System Verification and Validation Technology Association Chairman, Fukuoka Smart House Consortium CTO Founder, Smart Energy Laboratory Co.,Ltd.]*
•16:30-17:30
Cutting-age Model-based Development of Energy Systems
- From consensus by SysML to Auto Code Generation and Auto Verification -
Soichiro Nakamura *[President, Smart Energy Laboratory Co.,Ltd.]*

IPA Seminar

IPA-5 10:20-12:00 Annex Hall[F205]
Widely Sharing of Experiences and "Lessons" towards Enhancement of Reliability of Products/IT Services
•10:20-10:30
IPA/SEC Activities on Measures against System Failures in the Field of Critical Infrastructure
- Towards a Social System for Safe and Secure IT Society through Wide Share of our Experiences -
Hiroyuki Yamashita *[System Group Leader, Software Reliability Enhancement Center, Information-technology Promotion Agency, Jap