

Presenter Bios

Marty Brown

Marty Brown is a Portable Power Systems Technical Specialist and Market Development Manager with Motorola Semiconductor Product Sector, and has been with Motorola for 13 years. Marty's present responsibilities include market and new product development in the fields of power conversion, portable energy management, battery charging, and battery systems. Marty has written two books in the field of power supplies, Power Supply Cookbook (1994) and Practical Switching Power Supply Design (1990). He has had a varied range of experiences in design engineering, ranging from microcomputing architectures, control systems, RF, and power applications. He received his BSEE from Drexel University.

Dave Freeman

David Freeman, is the Director of Applications at Benchmarq Microelectronics. He has been with Benchmarq since the company was founded in 1989, and has extensive experience with rechargeable batteries and low-power electronic designs. He has a B.S. in Physics.

Dan Friel

Dan Friel is the co-author of many of the SBS Specifications, including SBData, and is the co-inventor of the Duracell and now PowerSmart Inc. Smart Battery electronics. He is chairman of the SBS IF Charger-Selector-Safety Working Group and is a founding employee of PowerSmart Inc. Mr. Friel was previously with Duracell's Smart Battery Development Group and has also worked for Leitch, Inc. and Magnavox Electronic Systems Company. He holds a BSEE from Purdue University.

Dave Heacock

David Heacock is the Director of Marketing at Benchmarq Microelectronics. He has been with the company since 1990 in various marketing positions. He has over 10 years experience in primary and rechargeable batteries technologies and low-power integrated circuit designs. He has a B.S. in engineering and an MBA in finance.

Mike Mattera

Mike Mattera is a founding member of the SBS Implementor's forum and has been active in the promotion and advancement of the SBS specifications. After working 18 years for Duracell's New Products and Technology Division, Mr. Mattera is a founding member of PowerSmart Inc. He holds a BS in Marketing from Manhattan College in Riverdale, New York.

John Milios

John Milios is the founder and President of USAR Systems. Prior to USAR Systems, Mr. Milios was President of USAR Consultants the company which developed the first POS terminal with PC-compatible architecture and held teaching and research positions at Columbia University. During his 14 years in the electronics industry, John Milios has written and presented numerous technical papers and has been awarded several U.S. Patents in microprocessor technology. Mr. Milios was a steering committee member of the ACCESS.bus Industry Group, chaired the ACCESS.bus and authored the On-board ACCESS.bus technical specifications and is the Chairman of the SMBus Working Group of the SBS-IF. Mr. Milios holds a Ph.M. degree from Columbia University an M.Sc. in Electrical Engineering and B.S. in Physics from the National University of Athens (Greece).

Jeff Shepard

Jeff Shepard, founder of the Darnell Group, has been active in the power electronics and battery industry for over 17 years. Prior to founding the Darnell Group in 1990, Mr. Shepard had a variety of extensive experiences in our industry including; Publisher of "Powertechniques Magazine," Marketing Manager for LH Research, co-founder of JETA Power Systems, Inc., author of a book titled "Power Supplies" published

by Prentice-Hall and Senior Technology Editor of Power Electronics and Power Sources at "Electronic Engineering Times" newspaper. He has chaired several continuing education seminars at the IEEE Power Electronics Conference including "Marketing Strategies and Techniques for the Power Electronics Industry" (1995) and "Use of the World Wide Web in the Power Electronics Industry" (presented in February, 1997). Mr. Shepard has had dozens of papers and articles published on various power electronics and batteries topics. Complementing his extensive practical experience and technical education, Mr. Shepard has a Masters Degree in Econometrics and Statistical Methods from the University of California

Derek Sip

Derek Sip is the Director of System Architecture in Hitachi PC (U.S.) Corporation in San Jose. He has been R&D Manager for Acer Advanced Labs., in San Jose, and Senior Lead Engineer in AST Research in Irvine. He has over ten years design experience in PC in the U.S., especially in portable systems & multimedia communications. Before that, he was a Royal Chartered communications engineer of England. He got his MSEE degree in California State U, Los Angeles with straight A.

Dale Stoltzka

Dale Stoltzka has led analog-digital system IC development at National for the past five years. He is the Senior Systems Design Manager in the Analog Group's Microcontroller Division. His work focuses on products that target the portable electronics and communications market. He also chairs the Handheld Data Specification Working Group for the SBS Implementer's Forum. Prior to joining National, Mr. Stoltzka developed advanced disk drive electronics architectures at Maxtor Corporation and led the Applications Engineering group at Raytheon. He holds Bachelor and Master's degrees in Applied Physics from Cornell University.

Francis Truntzer

Francis Truntzer is a Program Manager in the Mobile and Handheld Product Group at Intel in Santa Clara, CA. During his fifteen years with the company, he led the development of the Intel-Microsoft APM specification and was actively involved in the creation of the Smart Battery Specifications. He is the current chairperson of the SBS Implementers Forum. Francis is a French citizen, he has a BSEE from the ENSEEC (Ecole Nationale Supérieure d'Electronique et d'Electromecanique de Caen, France) and an MBA from the University of Chicago.