



a celebration of achievement

Tektronix  
Technical  
Excellence  
Banquet  
2001

# Welcome

**David Brown**, Vice President, Central Engineering  
Master of Ceremonies & Host for the Evening

## Special Guests

**Rick Wills**, President & CEO

## Tektronix Fellows

**Patent Recipients &  
Significant Technical Contributions**

## Technical Excellence in Teamwork

## Technical Excellence Awards

- Strategy
- Execution
- Velocity
- People

## President's Awards

## Howard Vollum Award

## Closing Remarks

## Tektronix Executive Team



### **Rick Wills**

President & Chief Executive Officer

### **Bob Agnes**

Vice President, Video Test Business

### **Scott Bausback**

Vice President, Optical Business

### **David Churchill**

Vice President, Instrumentation Business

### **Dave Coreson**

Vice President, Central Operations

### **James Dalton**

Vice President, Corporate Development,  
Law & Information Systems

### **Rich McBee**

Vice President, Global Marketing & Strategic  
Initiatives, Global Sales & International Operations

### **Craig Overhage**

Vice President, Digital Systems Business

### **Johannes Schaedel**

Vice President, Mobile Business

### **Colin Slade**

Vice President & Chief Financial Officer

### **Diane Williams**

Vice President, Human Resources

## Tektronix Fellows



### **Daniel G. Baker**

Video Business Unit  
Beaverton, Oregon

### **Graeme R. Boyle**

Central Engineering  
Beaverton, Oregon

### **Eric P. Etheridge**

Instrumentation Business Unit  
Beaverton, Oregon

### **Jens Kittan**

Communications Business Unit  
Berlin, Germany

### **Daniel G. Knierim**

Central Engineering  
Beaverton, Oregon

### **Marvin E. LaVoie**

Instrumentation Business Unit  
Beaverton, Oregon

### **David J. McKinney**

Central Engineering  
Beaverton, Oregon

### **Chuck L. Saxe**

Instrumentation Business Unit  
Beaverton, Oregon

### **Steven K. Sullivan**

Central Engineering  
Beaverton, Oregon

### **Dan H. Wolaver**

Broadband Transmission Test  
Chelmsford, Massachusetts

## Tektronix Patents



### **Kelcie L. Anderson**

*Enhanced Display of a Control Window in a Measurement Instrument*  
1st Patent

### **Hans-Werner Arweiler**

*Methods for Determining the Transmission Characteristics of an Electric Line*  
7th Patent

### **Fred Azinger**

*Front Panel for a Measurement Instrument*  
1st Patent

### **Cliff Baker**

*Banana Type Electrical Receptacle*  
9th Patent

*Temperature Compensated Adapter for a DMM*  
10th Patent

### **Jim Brooks**

*Instrument Communication Through Signal Jacks*  
1st Patent

### **Tom Buzak**

*PALC Panel with Wire Electrodes*  
35th Patent

*Method of Fabricating a Channel Substrate for a PALC Display Panel*  
36th Patent

*Structure for a PALC Display Panel Having a Helium Filling Doped with Hydrogen*  
37th Patent

## Tektronix Patents



### **Tom Buzak** *continued*

*Channel Subassembly for a Plasma Addressed Liquid Crystal Display Panel*  
38th Patent

*Method for Filling a PALC Display Panel with Liquid Crystal Material*  
39th Patent

*Conductive Anode for a PALC Display Panel Using Hydrogen-Doped Helium Gas*  
40th Patent

*Plasma Addressed Liquid Crystal Display Device with Integrated Source of Reactive Gas*  
41st Patent

*Channel Member for a PALC Panel*  
42nd Patent

### **Wendall W. Damm**

*Enhanced Display of a Control Window in a Measurement Instrument*  
3rd Patent

### **Ken Dobyns**

*Sparse Vector Rasterization*  
5th Patent

### **Eric P. Etheridge**

*Bits-Per-Pixel Reduction from Variable Intensity Rasterizer to Variable Intensity or Color Display*  
9th Patent

## Tektronix Patents



### **Jim Fenton**

*Thin Profile Vertically Oriented Probe Adapter*  
1st Patent

*Thin Profile Vertically Oriented Probe Adapter  
with Code Disassembly Capability*  
2nd Patent

### **Preston S. Gabel**

*Electronic Instrument with Multiple Position  
Spring-Detented Handle*  
1st Patent

### **Paul M. Gerlach**

*Sparse Vector Rasterization*  
1st Patent

*Detection of Unusual Waveforms*  
2nd Patent

### **Vic Hansen**

*Method & Apparatus for Measuring the Mean Square  
Value of an Electrical Signal*  
4th Patent

### **Bob Heath**

*System for Identifying an Acquisition Sample  
Corresponding to a Source Code Statement*  
1st Patent

### **Gil Hoffman**

*System For Phase-Locking a Clock to a Digital Audio  
Signal Embedded in a Digital Video Signal*  
5th Patent

## Tektronix Patents



### **Bo Janko**

*Low Duty-Cycle Transport of Video Reference Images*  
20th Patent

### **Fred Kawabata**

*Apparatus for Deriving a Trigger Signal  
From the AC Line*  
5th Patent

### **Don Kirkpatrick**

*SONET Path/ATM Physical Layer  
Transmit/Receive Processor*  
4th Patent

### **Grig Kogan**

*Array Architecture for Long Record Length  
Fast-In-Slow-Out (FISO) Analog Memory*  
10th Patent

### **Ron Larrick**

*Low Frequency Suppression Circuit for a Time  
Domain Reflectometer*  
2nd Patent

### **Steve Lyford**

*Banana Type Electrical Receptacle*  
5th Patent

*Electronic Instrument with Electromagnetic  
Interference Shield & Method of Manufacturing*  
6th Patent

### **Dave Maguire**

*Sparse Vector Rasterization*  
1st Patent

## Tektronix Patents



### David J. McKinney

*Track & Hold Signal Generator Having a Time-Aligned Clock*  
4th Patent

### Dan Meyer

*Banana Type Electrical Receptacle*  
2nd Patent

### Steve M. Mishler

*Enhanced Display of a Control Window in a Measurement Instrument*  
1st Patent

### Mike Moser

*Interleaved Digital Peak Detector*  
1st Patent

### Ted Nelson

*Temperature Compensated Adapter for a DMM*  
5th Patent

*Dynamically Controlled Timing Signal Generator*  
6th Patent

*Instrument Communication through Signal Jacks*  
7th Patent

### Thuy Nguyen

*Bits-Per-Pixel Reduction from Variable Intensity Rasterizer to Variable Intensity or Color Display*  
1st Patent

## Tektronix Patents



### Dan Onu

*Period Determination of a Periodic Signal*  
1st Patent

### Bill Pooley

*Electronic Instrument with Multiple Position Spring-Detented Handle*  
2nd Patent

### George Pubanz

*Cryogenic Optical/Electrical Interconnect Module*  
1st Patent

### Dave Rosette

*Banana Type Electrical Receptacle*  
3rd Patent

*Front Panel for a Measurement Instrument*  
4th Patent

### Brian G. Russell

*Electronic Instrument with Multiple Position Spring-Detented Handle*  
2nd Patent

### Chuck Saxe

*Method & Apparatus for Measuring the Mean Square Value of an Electrical Signal*  
9th Patent

## Tektronix Patents



### Steven K. Sullivan

*Sparse Vector Rasterization*  
9th Patent

*Detection of Unusual Waveforms*  
10th Patent

### David M. Swafford

*Thin Profile Vertically Oriented Probe Adapter*  
1st Patent

### Warren Woo

*Instrument Communication through Signal Jacks*  
1st Patent

### Jerry L. Wrisley

*Front Panel for a Measurement Instrument*  
9th Patent

### Scott E. Zink

*System for Phase-Locking a Clock to a Digital Audio Signal Embedded in a Digital Video Signal*  
3rd Patent

## Significant Technical Contributions



### Duwayne R. Anderson

*Method for Identifying Anomalies or Events within a Set of Sequential Data Points*  
4th Award

### Mike Brooks

*Method for Identifying Anomalies or Events within a Set of Sequential Data Points*  
1st Award

### Jeff Kleck

*Multi-Rate Jitter Measurement & Generation System*  
1st Award

### Barry A. McKibben

*Waveform Amplitude Comparator*  
1st Award

### Mark W. Nightingale

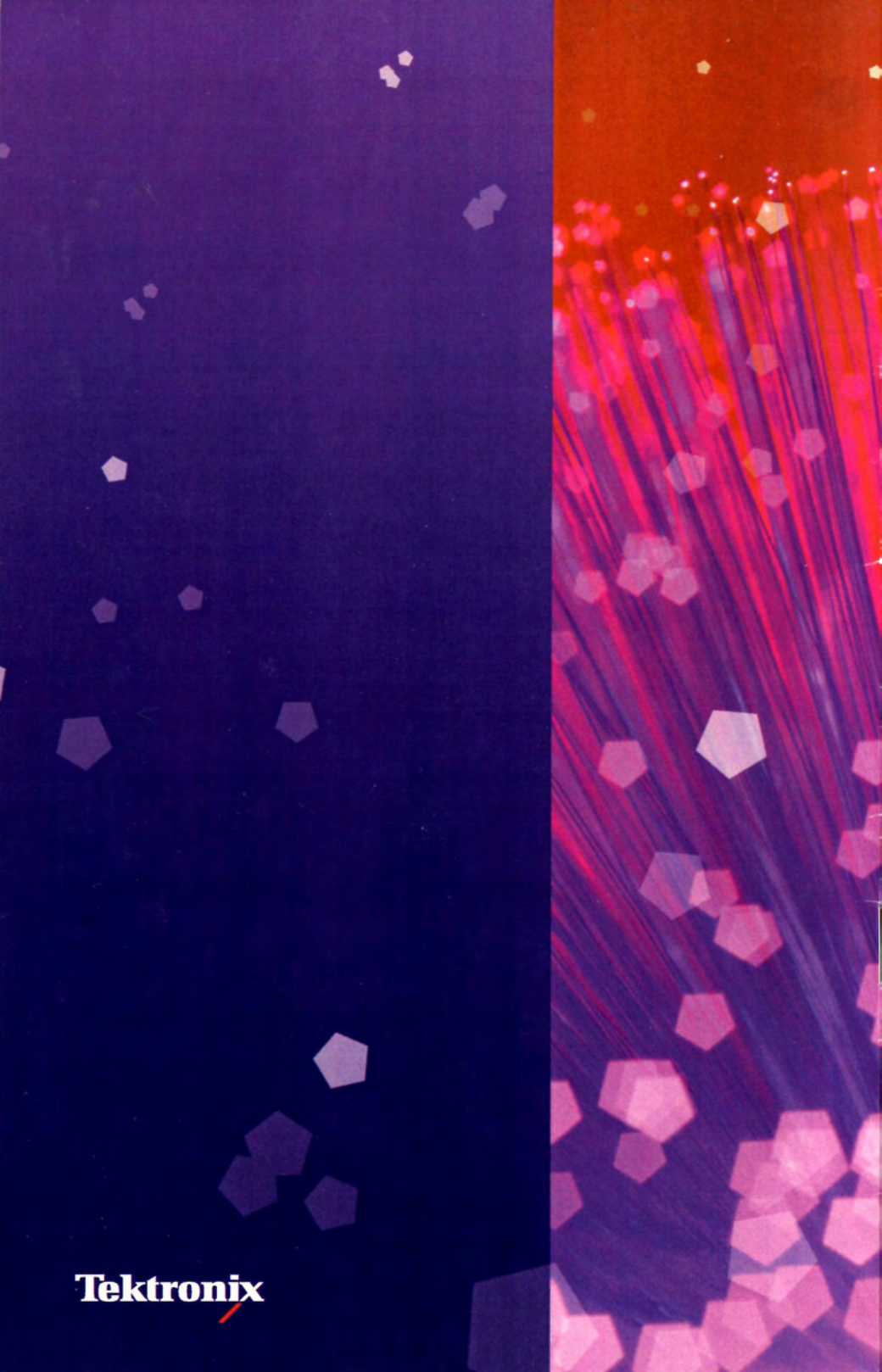
*High Frequency Probe Design*  
1st Award

### William A. Trent

*Method for Identifying Anomalies or Events within a Set of Sequential Data Points*  
1st Award

### Dan H. Wolaver

*Multi-Rate Jitter Measurement & Generation System*  
1st Award



**Tektronix**