

# **CHRISTOPHER J. STRUCK**

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*Creative, articulate, experienced, leader in the Audio industry with outstanding management skills and international business experience. Expert in test and instrumentation, transducers, signal processing, project management, and audio system design.*

## **EXPERIENCE**

### **2006 – present**

#### **CJS Labs, San Francisco, CA – CEO & Chief Scientist**

Provide services to clients in the audio, hearing science, and telecommunications industries. R&D and QC/QA analysis, management consulting, technology and market strategy, project management, expert witness, technical support, specification, design and evaluation of products, patents & IP, systems, processes, standards, and test methods. Training seminars on the topics of Acoustics, Telephonometry, Hearing & Psychoacoustics, Signal Processing, Instrumentation & Measurement Techniques, and Standards.

### **2015 – present**

#### **Acoustical Society of America – Standards Director**

Oversee development and maintenance of acoustics, vibration, bioacoustics, and noise standards. Direct 4 committees of 80+ working groups. Liaison and U.S. vote for IEC and ISO for international standards. *Ex-officio* member of the ASA Executive Council.

### **2006**

#### **Tymphany Corporation, Cupertino, CA – Vice President of Engineering**

Oversaw the R&D team with a budget of \$2.5M. Led the development effort for the Tymphany Linear Array Transducer™ product line. Instituted project management to drive new technology development process. Recruited, staffed, and managed teams in California and Denmark. Implemented strategy, allocated resources, and executed projects to meet corporate objectives for cost reduction and improved performance. Managed strategic research partner relationships. Created intranet web portal for cross divisional information sharing, including a secure site for IP evaluation. Inaugurated technical training program for global engineering staff.

### **2001 – 2005**

#### **Dolby Laboratories, Inc., San Francisco, CA – Director of Engineering**

Oversaw the Licensing Engineering Department, comprised of 50 engineers and technicians, with annual budget of \$5M. Staffed and organized these groups to meet divisional business goals, improving product development, customer service, and overall efficiency. Developed and managed strategic partnerships with key clients regarding technology, quality, financial, and public relations activities. Executed strategic plan to promote technology solutions and seek out new potential markets.

### **1995 – 2001**

#### **GN ReSound Corporation, Redwood City, CA – Research Group, Manager – Electroacoustics**

Built, staffed and managed a state-of-the-art electroacoustics laboratory. Responsible for electroacoustical specifications and optimized transducer performance of all products. Development of signal processing algorithms and innovative test methods for the evaluation of algorithms. Responsible for competitive product analysis and evaluation of IP and patents. In-house reference/resource on acoustics.

### **1994 – 1995**

#### **Charles M. Salter Associates, Inc., San Francisco, CA – Principal Consultant**

Provided acoustical consulting and project management services to clients. Produced reports, field studies, and data analyses. Projects included design and test for transducer equipped products, noise surveys, A/V system design, and audio forensics analyses.

### **1986 – 1993**

#### **Brüel & Kjær – Nærum, DENMARK – Applications Specialist, Electroacoustics**

Specification, development and marketing of test instruments and measurement applications for loudspeakers, microphones, telephones, headphones, and hearing aids. Product manager for the Brüel & Kjær Type 2012 Audio Analyzer and Type 4128 Head and Torso Simulator. Trained engineers and customers in the principles of acoustics, measurements, and instrumentation.

## **AFFILIATIONS**

**Audio Engineering Society – Fellow:** Governor 2006-08; Journal Reviewer 2009– ; Papers Chair: AES 121<sup>st</sup> Convention; Workshops Chair: AES 117<sup>th</sup> Convention; SC4-3 Working Group on Loudspeaker Measurements & Modeling; Loudspeakers & Headphones, Microphones, Telecom, Hearing Technical Committees, Loudspeakers Standards 2006–; Vice Chair – Publications Policy Committee 2006-07; Papers Session Chair: AES 101<sup>st</sup>, 105<sup>th</sup>, and 113<sup>th</sup> Conventions; AES – San Francisco Section Committee Member, 1996–98.

**Institute of Electrical and Electronics Engineers – Senior Member:** IEEE Signal Processing Society, IEEE Working Group on Communications Electroacoustics (liaison with TIA and ITU-T Study Group 12).

**Acoustical Society of America – Member:** Chair: ASA/ANSI SC 3 – Bioacoustics 2012–; Chair: ANSI S3/Working Group 37: Earphones, Couplers, Ear Simulators, and Manikins, and S3/Working Group 73: Bioacoustical Terminology; Associate Editor of JASA for Standards News 2015– ; Hearing Industries Association Technical Committee, 1996-2001.

**International Electrotechnical Commission – WG Member/Head of US Delegation:** Technical Committee 29 – Electroacoustics.

**International Standards Organization – WG Member:** Technical Committee 43 – Acoustics.

**Institute of Noise Control Engineering – Member**

**Society of Motion Picture and Television Engineers – Member**

**National Council of Acoustical Consultants – Member**

## **EDUCATION**

1985 B.S. in Electrical Engineering – University of Wisconsin – Madison

2003 Stanford/AeA Executive Institute – Stanford University Graduate School of Business

2005 Leadership Development Program – Center for Creative Leadership

## **OTHER SKILLS AND INTERESTS**

Speaks English, Danish and French. Some Swedish, Norwegian and basic Japanese. Working knowledge of German. Amateur musician (guitar, piano, percussion). Interests: Audio recording, Guitar building and repair, Scuba Diving (SSI Master Diver), Skiing, Sailing, Bicycling, Photography, and Travel.