

# **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 – 2021**

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

Oversaw development and maintenance of acoustics, vibration, bioacoustics, and noise standards. Directed 4 committees of 80 working groups with 500+ volunteers. US liaison 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 Dept. with \$2.5M budget. Led the development of the Tymphany Linear Array Transducer™ product line. Instituted project management to drive new technology development process. Recruited, staffed, and managed teams in California, Denmark, and China. Implemented and executed strategy, allocated resources, to meet corporate objectives. Managed strategic research partner relationships. Created intranet portal with secure site for IP evaluation. Inaugurated 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– ; Chair: AES 2019 International Conference on Headphone Technology; 2021 BoG Awardee; 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–; Publications Policy Committee 2006–; AES – San Francisco Committee, 1996–98.

**Institute of Electrical and Electronics Engineers – Senior Member:** Working Group on Communications Electroacoustics (liaison with TIA and ITU-T Study Group 12), Member: SCC14 Quantities, Units, and Letter Symbols.

**Acoustical Society of America – Fellow:** Chair: ANSI SC1 – Acoustics 2023 – present; Chair: ANSI SC3 – Bioacoustics 2012–18; Chair: ANSI S3 Working Group 37: Earphones, Couplers, Ear Simulators, and Manikins; Chair: S3 Working Group 5: Filters & Weighting Networks; Member: S12 Working Group 18: Noise Criteria; Associate Editor of JASA 2015–2021.

**International Electrotechnical Commission – Technical Committee 29 – Electroacoustics:** Technical Advisor, TAG Chair, and Head of US Delegation; Technical Committee 100 – A/V and multimedia systems and equipment: WG Member/US Expert.

**International Standards Organization – US TAG Chair & Head of US Delegation:** Technical Committee 43 – Acoustics.

**Institute of Noise Control Engineering – Member;** **Society of Motion Picture and Television Engineers – Member;** **National Council of Acoustical Consultants – Member;** **Hearing Industries Association – Technical Committee, 1996-2001.**

## **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. Basic working knowledge of German. Some Swedish, Norwegian and basic Japanese. Amateur musician (guitar, piano, percussion). Interests: Guitar, musical instrument building and repair, culinary arts, skiing, bicycling, scuba diving, (SSI Master Diver), sailing, astronomy, photography, history, literature, and travel.