

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 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 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 and Denmark. Implemented strategy, allocated resources, and executed projects 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– ; Papers Chair: AES 121st Convention; Workshops Chair: AES 117th 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 101st, 105th, and 113th Conventions; AES – San Francisco Section Committee Member, 1996–98.

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

Acoustical Society of America – Fellow: Chair: ASA/ANSI SC 3 – Bioacoustics 2012–18; Chair: ANSI S3/Working Group 37: Earphones, Couplers, 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; **WG Member/US Expert:** Technical Committee 100 – Audio and video multimedia systems and equipment.

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.