

# CHRISTOPHER J. STRUCK

CJS Labs – 57 States Street – San Francisco, CA 94114-1401

Tel: +1 415 923-9535 Email: [cjs@cjs-labs.com](mailto:cjs@cjs-labs.com)

## PROFILE

Creative, articulate, experienced, leader in the Audio industry with good communication skills, and international business experience. Expert in transducers, test and instrumentation, 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, systems, processes, standards, and test methods. Training seminars on the topics of Acoustics, Telephonometry, Hearing & Psychoacoustics, Signal Processing, Instrumentation, and Measurement Techniques and Standards.

### 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 family, including next generation platform design. Instituted project management to drive the new technology development process. Recruited, staffed, and managed teams in California and Denmark. Implemented technology strategy, allocated resources, and executed projects to meet corporate objectives for cost reduction and improved performance. Managed technical relationships with strategic partners and research institutions. Created intranet web portal for departmental and cross divisional information sharing, including a secure site for IP evaluation and disposition. Instituted internal world-wide technical training program for global engineering staff.

### 2001 – 2005

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

Oversaw the Implementation Engineering, Implementation Evaluation, Applications Engineering, Product Evaluation, and Licensing Standards & Test Development groups, a department of 50 engineers and technicians, with annual budget of over \$4.5M. Staffed and organized these groups to meet divisional business goals and to improve product development, customer service, and overall efficiency. Developed and managed strategic partnerships with key clients regarding technical, quality, financial, and public relations activities. Executed strategic plan to promote technology solutions and potential new markets and technologies.

### 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 electroacoustic testing methods and instruments for the evaluation of these algorithms. Responsible for competitive product analysis and the review and evaluation of intellectual property and patents. In-house reference/resource on all matters involving acoustics.

### 1994 – 1995

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

Provided acoustical consulting and project management services to clients including proposals, reports, acoustical measurements, field studies, and data analysis. Projects included electroacoustics design for transducer equipped products, architectural acoustics, noise surveys, audio-visual 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 Subcommittee on Telephone Instrument Testing (liaison with ITU-T Study Group 12 and TIA).

**Acoustical Society of America – Member:** Chair: ANSI S3/WG 37 Coupler Calibration of Earphones, and S3/WG 67 Manikins; Member: ANSI S3/WG48 Working Group on Hearing Aids (IEC TC-29 WG-13 liaison), Hearing Industries Association Technical Committee, 1996-2001, Midwest Acoustics Conference – Executive Committee, 1986–88.

**National Council of Acoustical Consultants – Member:** 2008 to present

## 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 and piano). Interests: Audio recording, Guitar building and repair, Scuba Diving (SSI Master Diver), Skiing, Bicycling, Photography, and Travel.