

THE CCRMA INDUSTRIAL AFFILIATES PROGRAM

The Corporate Partnership Programs at Stanford University were established in the early 1950s in response to the evident need to increase dialogue between industry and academia. These programs now span virtually all departments in the sciences and engineering. With over thirty years of research in the domains of digital sound, composition, acoustics, and psychoacoustics, Stanford University's Center for Computer Research in Music and Acoustics (CCRMA) offers an affiliates program for the music, audio and multi-media industry.

RESEARCH OBJECTIVES

CCRMA is an interdisciplinary center within the Department of Music in the School of Humanities and Science where research exploring the science and technology of music coexists with music composition and production. The Industrial Affiliates program facilitates interaction between the center and industry members. CCRMA's areas of ongoing interest include:

- Real-time application hardware and application software
- Synthesis techniques and algorithms
- Physical modeling
- Real-time controllers
- Virtual and new musical instruments
- Advanced networks for audio
- Signal processing
- Digital recording and editing
- Psychoacoustics and musical acoustics
- Visualization, sonification, and auditory display

Recent research papers can be found at:
<http://ccrma.stanford.edu/overview/Publications.html>

MEMBERSHIP BENEFITS

As a member of the Industrial Affiliate's Program, your company benefits from the teaching and research activities of CCRMA. You have the opportunity to stimulate research on topics of relevance to your corporate objectives by working closely with students and engaging their talents. Your company can benefit from the following opportunities CCRMA offers its affiliates:

Research Reports: Each company receives copies of all research reports published by CCRMA and early access to papers submitted for publication.

Lectures and Presentations: Members are invited to lectures and concerts presented throughout the year. Members will also receive a CD-ROM compendium of the Open House.

Summer Workshops: Workshops are held every summer and Industrial Affiliate members have priority to register.

Open House: CCRMA holds a free one-day Open House in May of each year. This meeting includes selected topic presentations, tutorials, and poster sessions of current research at CCRMA. As well as being our primary means for introducing potential companies to the CCRMA Affiliates Program, the Open House also offers our students a chance to meet representatives from the various companies who attend.

MEMBERSHIP LEVELS

The CCRMA Industrial Affiliates Program offers the following membership levels to meet the varying needs and resources of interested companies:

Participating Member

Membership Fee: \$5,000 per year

- CD-ROM compendium of annual research materials
- Open House Meeting
- Copies of research reports published by CCRMA
- Early access to papers submitted for publication

Supporting Member

Membership Fee: \$10,000 per year

- All Participating Member benefits, plus:
- Free participation in CCRMA Summer Workshops
- Access to restricted portions of CCRMA's WWW site

Full Member

Membership Fee: \$15,000 per year

- All Supporting Member benefits, plus:
- Access to CCRMA courses

Student Fellowship Member, Visiting Engineer Residency

Membership Fee: \$30,000 per year

- All Full Member benefits, plus:
- Direct sponsorship of a particular engineering student (agreements to be worked out individually between students and sponsors, but might include summer internship with the member company/institute and year-long collaborative research topics)

- Support acknowledged in all of the sponsored Ph.D. student publications
- Visiting Engineer residency at CCRMA

The Student Fellowship membership level provides the best possible benefit to both parties, offering an enhanced means for direct interaction between your company and a graduate engineering student, and full financial support of a student's academic expenses. We encourage direct collaborations, such as student internships at member firms and visiting engineering residencies at CCRMA.

MEMBERSHIP INFORMATION

The Affiliates Program membership has a duration of one calendar year, usually beginning on September 1.

Membership contributions are used entirely to support graduate students, to supplement the research support of CCRMA, and to purchase equipment necessary for research and composition. Therefore we usually ask companies who wish to join the program to commit by July 1, in order to provide adequate time to assure students of support for the coming academic year.

CCRMA Faculty and Staff

Jonathan Berger	Music Dept. Chair, Associate Professor of Music
Marina Bosi	Consulting Professor
Chris Chafe	Professor of Music, CCRMA Director
Jay Kadis	Audio Engineer / Lecturer
Fernando Lopez-Lezcano	System Administrator / Lecturer
Max V. Mathews	Professor of Music (Research)
William Schottstaedt	Research Associate
Tricia Schroeter	Administrator
Eleanor Selfridge-Field	Consulting Professor of Music
Malcolm Slaney	Lecturer
Julius O. Smith III	Prof. Music & Assoc. Prof. (by courtesy) EE
Bill Verplank	Researcher and Lecturer

Please indicate the name of the individual to whom all correspondence should be addressed.

Company _____
 Main Contact _____
 Title _____
 Address _____
 City/State/Zip _____
 Telephone Number _____
 Fax Number _____
 E-mail _____
 URL _____
 Additional Contact _____
 Title _____
 Address _____
 City/State/Zip _____
 Telephone Number _____
 Fax Number _____
 E-mail _____

Membership Level of interest

- | | |
|--|----------|
| <input type="checkbox"/> Student Fellowship Member | \$30,000 |
| <input type="checkbox"/> Full Member | \$15,000 |
| <input type="checkbox"/> Supporting Member | \$10,000 |
| <input type="checkbox"/> Participating Member | \$5,000 |

Please indicate areas of interest:

- Real-time application hardware and application software
- Synthesis techniques and algorithms
- Physical modeling
- Real-time controllers
- Virtual and musical instruments
- Networks for advanced audio
- Signal processing
- Digital recording and editing
- Psychoacoustics and musical acoustics
- Music manuscripting by computer composition
- Other _____

Additional Information

Fill out online:
ccrma.stanford.edu/affiliates

Or, mail this form to:
 CCRMA Industrial Affiliates Program
 Stanford University Department of Music
 Attention: Tricia Schroeter
 660 Lomita Court
 Stanford, CA 94305-8180

MEMBER COMPANIES

Digidesign
Palo Alto, CA

Fender Musical Instruments Corporation
Scottsdale, AZ

**Universal Audio/Kind of Loud
Technologies**
Santa Cruz, CA

McDSP
Palo Alto, CA

Nokia Group
Helsinki, Finland

**NTT Communication Sciences
Laboratories**
Kanagawa, Japan

Yamaha Corporation
Hamamatsu-shi, Japan

Gain access to the latest advances in Music
Technology. Join the Industrial Affiliates
Program!

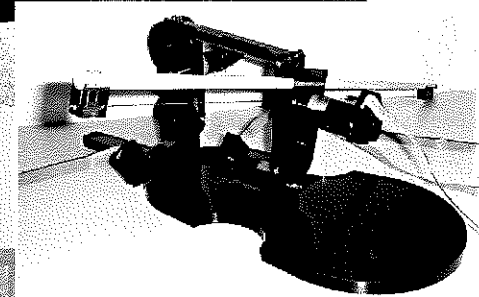
Visit our website:
ccrma.stanford.edu/affiliates

Or, fill out the information request on back
and mail to:

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*Opportunities for
Corporate Involvement*



Center for Computer Research
in Music and Acoustics
Stanford University