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Audio Engineering Society Chicago Section Meeting



Thursday, December 1, 2005, 6:30 PM

Adler Planetarium's StarRider Theater Surround System Development And Tour by Mark Webb

Note earlier start time. Members and non-members are welcome. **RSVP:** Your RSVP is required to compile a list of attendees for security and safety reasons so your timely response would be appreciated. Please RSVP Jon Boley at <u>boley_jon@shure.com</u> or 847-600-8559.

Meeting Location, Directions, Parking:

Adler Planetarium & Astronomy http://www.adlerplanetarium.org/ 1300 S Lake Shore Dr., Chicago IL. (312) 922-7827.

The Adler Planetarium is located on the Museum Campus along with the Field Museum, Shedd Aquarium, and Soldier Field – at the far northeast end of Northerly Island (formerly Miegs Field). From North or South bound Lake Shore Drive - exit at 18th street and head in the direction of the lake. You will go around the east end of Soldier Field and come to a stop sign at the intersection with McFetridge Drive. Go straight at that intersection and follow the road around to Solidarity Drive. Solidarity Drive will end at the entrance to the Planetarium. There are parking meters on the street, 25 cents per half hour. They are patrolled. Come in the South (ground level) entrance, not the main entrance at the top of the staircase. See map on following page.

About the Presentation:

The program will consist of an introduction to the Planetarium's StarRider Theater, a discussion of the DSP based audio processing, a demonstration of the audio system, and samples from the shows.

Upcoming Meetings:

January 10: Silicon Microphone by Peter V. Loeppert April, date TBA: Don Keele

Last Month's Meeting:

See the upcoming January meeting notice for reports from the November and December meetings.



Map to Adler Planetarium:

Employment Opportunities:

Shure, Incorporated is experiencing growth and has exciting opportunities in Engineering, Marketing Management, and other fields. Engineering positions include Staff Engineer/Acoustical Engineering, Engineer II/Acoustical Engineering, Senior Engineer/Circuitry Systems, Senior DSP Engineer, Project Engineer/Embedded Signal Processing, Engineer I/Embedded Signal Processing, Technology Manager/Advanced Development, and Engineer II/Global Compliance.

For more information, contact Jeff Segota at Segota_Jeff@shure.com or 847-600-8634. There will also be detailed information available at the meetings. www.shure.com.

Knowles Electronics has a Principal Engineer Opportunity. Principle Engineer must provide strategic and tactical leadership for product development and is responsible for the success of complex engineering projects. This candidate must lead and conduct applied research and product development while maintaining product cost, product schedule and performance objectives. Performs highly complicated and diversified engineering, research, and development and applies appropriate new product development tools such as advanced acoustic modeling, FEA, DFM/A, FMEA, DOE and statistical evaluation methods. Qualified candidate will have MS/MA; related experience a plus. Computer Aided engineering skills including simulation programs and advanced mathematical modeling and analysis programs are required. Good communication skills both essential. Must have exp. w/in an acoustic component company. Strong business acumen required.

For more information, please visit our website at www.knowles.com. Interested candidates should submit resume with salary requirements to: HR, Attn: Angie: E-mail:

recruitment@knowles.com, Phone #: 630-250-5100, Address: 1151 Maplewood Drive, Itasca IL 60143. Fax: (630)773-3744. Please reference PE in subject line of e-mail or fax. EOE

Sonare Technologies currently has an exciting opportunity for an Electronic Product Engineer. This engineer will be part of a small team creating innovative audio/acoustic products. You will be responsible for developing and performance verification of new products; troubleshooting software and hardware based systems; assisting manufacturing in testing and conducting detailed experimental testing to collect design data or assisting in research. You will be involved in all aspects of the product life cycle from product specification through to manufacturing/sourcing and on-going product support.

Qualifications for this position include:

- Bachelors degree in electrical engineering

- At least 5 years of experience in audio/consumer electronic product development

- Experience with analog and digital systems

- Proficiency working with audio test equipment such as sound level meters, spectrum analyzers, oscilloscopes, and Matlab software.

- Ability to effectively communicate technical ideas effectively, both verbally and in writing, at various levels including production, engineering, and management and be able to work well with and develop a partnering relationship with team members.

- Knowledge and experience in the design of embedded software using C++ or equivalent

- Demonstrated success in managing projects

- Understanding of PC software/hardware equipment

- Knowledge of lean manufacturing principles, ability to assess process

concepts and look for continuous improvement opportunities.

To learn more about Sonare Technologies, please visit our website at www.sonaretechnologies.com. We invite you to consider joining our team where you will enjoy outstanding compensation and benefits, and an exciting, innovative working environment. Please apply online at: www.hermanmiller.com/careers. The contact person is: Kelley Whittington, kelley_whittington@hermanmiller.com, 616-654-5332

Kirkegaard Associates is currently seeking A/V Systems Designer to design audio/visual systems for performing arts facilities. Conduct computer modeling to design systems, create bid docts. Requires Masters in Sound Engineering, Acoustics, Theater Technical Design/Production, or closely related degree plus 2 yrs. exper. & proficiency in AutoCAD. Send resume to: Scott Pfeiffer at Kirkegaard Associates, 801 W. Adams, 8th Fl., Chicago, IL 60607, SPfeiffer@kirkegaard.com. No calls please.

Rent Com, Inc. www.rentcom.com

Audio/Visual Rental Salesperson: Energetic individual w/ strong written & oral communication skills to maintain existing & self generated rental accounts. Resp. include: system design, project cost estimating, proposal writing & closing sales in person / phone. Must have knowledge of audio, video/graphic presentation, 2-way communication & computer systems. Min 3 yrs exp in corporate A/V or staging technical support. Ability to handle deadlines &

multiple projects. Mon-Fri & every 4th Saturday. Competitive salary, commission, benefits, and 401(k).

Field Technician: Delivery, setup & troubleshooting of pro A/V equip. Must have college degree, good driving record & ability to lift, control & maneuver up to 100 lbs. unassisted. Advanced knowledge of A/V, computer systems & electronics req'd. Customer service experience req'd. Send resume to: RENT COM, INC. Attn: HR, 3900 N River Rd, Schiller Park, IL 60176. E-mail: csg@rentcom.com Fax: (847) 678-0510. Drug/smoke free environment.

Do you have a job opportunity you would like to publicize? Contact Section Secretary Jeff Segota at Segota_Jeff@shure.com for more information.