

Lectures

THE PHYSICS OF MUSICAL INSTRUMENTS

with Bryant Hichwa

Monday, September 28, 7:00 p.m.

Admission is \$5.

We have all wondered what makes a Stradivarius violin so special. Is it the shape of the violin or the wood it's made of or possibly the varnish finish? You may have enjoyed a concert piece played on a "Strad." When one listens to such an instrument, you know it's special. But is there scientific evidence to give us more insight into what makes these instruments stand apart?



During this lecture Bryant and his musician colleagues will demonstrate string, woodwind, brass and various percussion instruments. He will take a violin apart in order to gain an understanding of what produces the wonderful complex tones. He'll demonstrate the standing waves produced when we bow or pluck a string and show the harmonic spectrum of various woodwinds such as the clarinet and sax. Finally the audience will be involved to demonstrate a number of unique percussion instruments from around the world.

Bryant Hichwa is Professor Emeritus of Physics and Astronomy at Sonoma State University and a recent recipient of the campus teaching award; he teaches an upper level General Education class titled "The Physics of Music." He has appeared as an invited guest on NPR's Science Friday discussing the physics of musical instruments. Bryant is a committed environmentalist; President of the Board of Audubon Canyon Ranch; past president of Sonoma County's Madrone Audubon Society; an avid birdwatcher and semi-professional nature photographer.

RECYCLE YOUR ART & SECOND-HAND SALE

Reminder: Gualala Arts' "Recycle Your Art and Second Hand Sale" is coming up on Saturday, October 10 from 9:00 a.m. - 12:00 noon.

Donating 'high quality' household items, furniture, collectibles, and art work not only reduces clutter at home, but also provides a tax deduction and helps a good cause. Gualala Arts depends on fundraising to bring our community high quality and diverse programs. The semi-annual sale represents a large percentage of our revenue budget.

Please call (707) 884-1138 to arrange for a pick up or drop off of large items. Please bring your items between October 6 - 8.



BRUBECK BROTHERS

Saturday, October 24 7:30 p.m.

\$30 advance tickets

\$35 day of show if available

VOLUNTEER DINNER PARTY SEPTEMBER 26

All Volunteers should report to Gualala Arts Center on September 26, 5 p.m sharp to be profusely thanked (until 7 p.m.). We love you guys. Without you, we are but a building. With you, we are an Arts Center. Let us feed you.