



Crackers

COSMOPOLITAN CLUB OF SANTA BARBARA INC.

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Cosmo Member Ailing

If you learn of one of our members suffering from illness or injury, please notify Arlie Skov, 965-5101, askov@earthlink.net

Dress Code Update

Fall arrived this past Sunday (September 22) and hence it is time to revisit the Cosmo dress code. This is the time to revert to wearing coats; however we will continue the practice of not requiring ties, making them optional wear. There is a caveat; you will not be turned away for not wearing a coat on a hot day. Let the weather be your guide!

Meeting Staff:

Ticket Sellers: John Calvert & George Campbell
Punchbowl: A B Clarke
Invocation: Bill Alexander
Sergeant-at-Arms: Bill Montag

Next Meeting

October 3, 2013

Lawrence Spann, Ph.D., PA-C

"Writing as a Healing Art"



A native New Yorker, Lawrence Spann earned his undergraduate degree in English from the University of Miami, with a minor in psychology and philosophy. His more youthful job experience includes newspaper boy, garbage man, construction worker and summer camp director. He entered the medical field as an ocean lifeguard and firefighter/paramedic, subsequently completing Physician Assistant training and a Master's Degree at Duke. He served as executive director of the Preventive Medicine Research Institute in Sausalito, CA, where he coordinated *The Lifestyle Heart Trial*, the first research study to show that comprehensive lifestyle changes—nutrition, exercise, stress management and group support— can reverse coronary heart disease. He founded Sutterwriters, a writing group for medical patients, caregivers, and health professionals, at Sutter Medical Center, Sacramento in 2001, and in 2003 completed a Ph.D. in creative writing with emphasis in the medical humanities. Spann currently is a physician assistant who provides clinical services at Santa Barbara's Sansum Anticoagulation Clinic. He is a principal at SpannRobinson Press and leads writing groups at Santa Barbara City College and at the Balboa Building in downtown Santa Barbara. Steve Little will introduce.

Future Meetings

October 17, 2013

Karl Hutterer was Executive Director of the Santa Barbara Museum of Natural History from 2000 - 2012. Before that, he was Director of the Burke Museum of Natural History and Culture at the University of Washington (1990-2000), where he also held an appointment as Professor of Anthropology. He has held positions at universities in the Philippines, at the University of Hawaii, the East-west Center in Hawaii, Bryn Mawr College, and the University of Michigan, Ann Arbor. In Ann Arbor, he was Curator of the Asian Division at the university's Museum of Anthropology



and Director of the Center for South and Southeast Asian Studies. Dr. Hutterer will be introduced by Steve Hicks

Title: "What is Nature?"

From an early beginning as a subsistence farmer in the Austrian Alps, to a stint of archaeological research in the Asian tropics, to directing a natural history museum, and some stations in-between, Karl Hutterer reflects on his ever changing views of nature and what these changing perspectives might mean about how any one of us understands nature. How does this affect our approaches to extracting natural resources, to preserving "pristine environments." and to responding to the notion of global climate change?

Dr. Karl Hutterer, former Director, SB Natural History Museum Karl Hutterer was born in 1940 in Austria. After receiving his high school education in Linz, Austria, he studied philosophy, theology, and anthropology in Vienna and Bonn, Germany. He went to the Philippines in 1965, where he spent the next four years studying at the University of San Carlos and conducting research in both ethnography and archaeology. He completed his education at the University of Hawaii, where he received his Ph.D. in anthropology in 1973, specializing in the archaeology of Southeast Asia.

As an archaeologist, Karl Hutterer has conducted research in Germany, Hawaii, Australia, the Philippines, Malaysia, Thailand, and Laos. His interests and publications range widely, including the settlement of the Southeast Asian region by early human ancestors, the beginnings of agriculture, the emergence of Bronze Age civilizations, and prehistoric maritime trade. He has had a special interest in the adaptation of human societies and cultures to tropical environments. In his first major project in the Philippines, he excavated the native settlement underlying the contemporary City of Cebu that was visited by Ferdinand Magellan in 1521 at the end of his ill-fated circumnavigation of the globe.

Karl Hutterer has published and edited a number of books and monographs as well as numerous scholarly and popular articles. He has been elected Fellow of the American Association for the Advancement of Science and has served or serves on several national and state boards of museums and nonprofit organizations.

November 7, 2013

Bob Kieding, well known by local sailors and yacht enthusiasts; writes a weekly column in the SB News Press on Yachts and sailing. He has been a Santa Barbara sailor and Chandler for decades and is a strong source of information on these topics, especially those associated with our local waters. His title: "Waters Off Santa Barbara." Intro by Harry Brown

Wine Drawing

Bob Zimels conducted the wine drawing. The 2011 Parker Station Riesling was won by Glen Neikirk; Don Archer scored the Argentine 2011 Zaccardi Malbec.



SPECIAL ANNOUNCEMENT FROM YOUR EXECUTIVE BOARD

At our board meeting Thursday, September 19 all decided a new member incentive program was needed and the following plan ensued and will be effective at the next meeting on October 3, 2013 ending with the meeting on January 15, 2014:

- 1) Bring a potential member as your guest to a lunch meeting and the guest lunch will be free. All members that bring a qualifying guest to the meeting will be put in a special drawing to be held at the meeting on Feb 6, 2014.
- 2) If a member submits a new member application for his guest he will receive 1 more chance (2 TOTAL) in the special drawing and a free lunch for him and the nominee at the meeting where the applicant is interviewed.
- 3) When the new inductee is presented as a new member, the primary sponsor for the new member will receive 2 free lunch passes.

Prize: Free Cosmopolitan Club lunch for the remainder of 2014

WELCOME OUR GUESTS



Larry DuBois introduced our guests:
 Bob Weinman courtesy of Mead Northrup
 Bob Kvaas hosted by his dad Art Kvaas
 Lawrence Henry Spann courtesy of Steve Little
 Jeff Cohen treated by Ron Singer

Welcome New Member

John Spencer 'Spence' Vaughn,
 546 Scenic Drive, Santa Barbara, 93103.
 Phone 805/689-5822;
 email: furfresh@silcom.com



Introduced by Bill Skelly, Spence is welcomed to our membership. Spence enjoyed a multi-faceted career as restaurateur, inventor, business consultant, management trainer and sales and marketing executive. Prior to his retirement in 2012, Spence was president and CEO of Brandy Enterprises. Spence and his wife Gloria have five sons and a daughter. Spence is a SoCal Rotarian and enjoys golf, fly fishing, banjo playing, baking and travel. Spence was sponsored by Bill Skelly, Harv Turner and Ron Singer.

Regular Events

Bridge



Our after-meeting Bridge game is on a temporary hiatus due to conflicting schedules. Regular after-meeting Bridge games will begin again following our October 17th meeting.

Join us for FUN Bridge upstairs at the Elks Club after all regular meetings; we play until 3:30 PM. Chairman Steve Morgan, 637-1332, or smmphpd@cox.net; Co-chair Ed Loper, 967-8630, oliveloper@cox.net.

"OUR DIGITAL WORLD" aka The Cosmo Computer Society



In recognition of changes in usage of electronic devices, **The Cosmo Computer Society** is changing its name and emphasis to "Our Digital World". We changed the meeting day to the 2nd Thursday of the month so we can enjoy lunch and camaraderie at the Elks Club Grill after our meetings. Please bring your gadgets such as smart phones, notebooks, tablets, or any other digital device. You can show us how it works or ask other members how they think it works. Discussion starts at 10:00 AM upstairs at the club. Ring bell button at the front door if not open. All members and special guests are welcome. Howard Glenn, Chairman, 967-2633, Bob Gerity, Co- Chairmen, 963-9413, Robert Gerity <robtgerity@cox.net>

S.A.G.E. Investment Group



S.A.G.E. meets monthly at 10 AM on the first Tuesday at the Elks Club, followed by a no-host lunch in the grill downstairs. At S.A.G.E. we discuss past and possible future trends in the economy and the stock market. We would welcome your participation. Chair: Walter Naumann, 448-5061, wjnaumann@aol.com.

Tennis



The tennis group plays doubles twice a week at a private court in Shadow Hills starting at 8:00 AM Mondays and Thursdays. All tennis players are invited to participate. Contact Bruce Long (805) 692-4072 or bruce93103@cox.net.

Golf



Mondays - Santa Barbara Golf Club (Muni). Tee times range between 9:30 AM to 11:00 AM. Regular walking senior rate is \$26 for 18 holes. Contact Ron Singer (805) 684-1355 or rsinger916@aol.com by prior Friday for your tee time. Twin Lakes (Par 29) at 9:00 AM. Work on your short game. These outings are a great way to gain new members, so invite your friends.

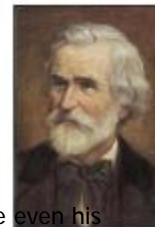
Additional play at various courses - Contact Ron Singer to get on the e-mail notification list for the Floating Golf Game Circuit. Mondays are usually at Muni, Wednesdays are often at Glen Annie, and Friday locations have included La Purisma, Glen Annie, Soule Park, and Rancho San Marcos. A. B. Clarke and Steven Stonefield will select the floating golf game sites, so you may contact either of them. Ron Singer, Golf Chair: rsinger916@aol.com.

Upcoming Special Events

Thursday, October 10, 2013

La Cumbre CC Dinner & Verdi Arias

Join us for a very elegant evening honoring the 200th birthday of Giuseppe Verdi featuring singers of his arias and a 6-course meal. Our dinner will be based on Italian menus including Verdi's favorite dishes (some even his recipes). The cost is \$95.00 per person inclusive. This special evening starts at 6:30 p.m. on October 10th at the La Cumbre Country Club. For reservations contact Fred Sidon, 967-6757 or frsidon@impulse.net. Your check should be payable to Cosmopolitan Club and mailed to him at 555 Las Palmas Dr., SB 93110, or hand delivered to him at upcoming Cosmo meetings.



Sunday, November 10, 2013

La Cumbre CC Brunch & Puccini's 'Tosca'

This activity features an elegant noon brunch at La Cumbre Country Club followed by the 2:30 p.m. production of TOSCA at the Granada. The price is \$90/person which includes the meal and theater ticket. Contact Fred Sidon, 967-6757 or frsidon@impulse.net to express your interest in this event.



Saturday, November 23, 2013

Andersen's Dinner & All Mozart Symphony

Now an annual Cosmo night out, don't miss our 3rd Annual dinner and Granada symphonic concert. We'll dine at Andersen's Restaurant and then walk over to the Granada Theatre for an "All Mozart Evening" with Guest Conductor Matthias Bamert, formerly Music Director of the London Mozart Players. The delicate mastery of Wolfgang Amadeus Mozart will be fully revealed in three of his works: Serenade No. 10 "Gran Partita" for Winds; Strings featured in Serenade in G Major "Eine Kleine Nachtmusik"; and the unifying Symphony No. 25. Ticket sales have begun and the all-inclusive price is just \$70 pp. Send your checks made out to Cosmopolitan Club of Santa Barbara to Art Kvass, 933 Roble Lane, Santa Barbara, CA 93103.



Last Meeting

Dr. Matteo Cantiello

Kavli Institute for Theoretical Physics, (KITP) UCSB

“Hundreds of Billions: The Quest to Understand Stars and Planets”

Mead Northrop introduced Dr. Cantiello.

During the last 100 years, humankind made a giant leap in understanding the fundamental laws of nature. For example, while it was already clear that the universe is not completely dark because stars like the Sun are shining, it was not until the advent of quantum physics that it became clear what their energy source is. Just in our Galaxy, 100 billions of stars shine thanks to the immense energy provided by nuclear fusion in their dense, hot cores. All in all, our understanding of the evolution of stars, from an early phase to their possibly explosive death, requires an impressive amount of physics and certainly represents one of the greatest successes of modern science.



At the same time an impressive series of technological developments led to the ability to observe the Universe with unprecedented details. Thanks to space telescopes like Kepler, our understanding of our place in the universe changed dramatically in the last decades. For example we now know that planetary systems are not a lucky exception, but the norm. We have discovered hundreds of billions of planets, just in our Galaxy. Planets of size and, possibly, surface condition similar to the Earth seem to exist in abundance. Dr. Cantiello did observe that, with the vast distances between such planets and Earth the chance of receiving or visiting life from any of these planets is incredibly remote.

Dr. Cantiello made good use of visual aids to help us understand the immensity of our universe and how little of it we are able to actually observe with our earthbound instrumentation.

He discussed how the “Doppler” shift in wavelengths measured in astronomical observations gave clues regarding the complex relationships between the myriad stars and their associated planets. This rather well-understood phenomenon tells us that we can detect the presence of a planet in orbit around its star by measuring this Doppler shift in the wavelengths detected here on earth, and, indeed, determine its relative size. We learned that stars are born from contracting balls of gas, live for millions of years, then die; creating and distributing a myriad of elements in the process. Within these huge fusion energy creators Hydrogen is processed into Helium, then Carbon, Oxygen and all of the other elements that we know are necessary for life to exist.

How many stars are out there? There are 700 billion stars in the Andromeda Galaxy, representing about 2.5 Million light-years in diameter. There are 20 billion galaxies in the night sky; so we have one hundred billion galaxies; therefore 7×10^{22} stars. Each star is believed to have at least one main planet in orbit.

Life is possible because, besides hydrogen, stars have produced - and continue to synthesize - all of the elements of which we and all living things are composed. To understand the details of this process, which is called stellar nucleosynthesis, requires one to study the life cycle of the stars, their evolution. It is possible to explore the evolution of stars using modern computers, which run codes including what we think are the most important physical effects.

For those of you with an interest in this fascinating science, you are invited to review the excellent resources of the KITP, that you will note in the final paragraph of this article.

Dr. Cantiello is honored to be associated with the KITP; the first and foremost scientific research facility where theorists in physics and allied fields congregate, for sustained periods of time, to work together intensely on a broad range of questions arising from investigations at the leading edges of science. Launched in 1979 under the auspices of the National Science Foundation (NSF) and located on the campus of the University of California at Santa Barbara, the KITP has emerged in the last 30 years as a model for facilitating productive and sustained scientific collaboration. Initially conceived principally as a national center for theoretical physics, the KITP has evolved a model for collaboration that has been widely imitated both by other disciplines (mathematics, for example) and by other countries (most recently, China and India).

Beside cutting edge research, KITP promotes a lot of interesting outreach (e.g. Public Lectures Series given by some of the leading scientists in their fields). The webpage of the Kavli Institute for Theoretical Physics: <http://www.kitp.ucsb.edu/>

Have a look here for more information about the goals and outreach activities of the Kavli Institute: <http://www.kitp.ucsb.edu/outreach>

All lectures (and also internal scientific activities) are recorded and available for everyone to watch online (<http://www.kitp.ucsb.edu/talks>)

Dr. Cantiello's webpage is: <http://www.matteocantiello.com/> and has additional information regarding his work.