

ORION, Albuquerque, NM

As a sponsor of the Sunday, December 16 concert of "Romero Guitars - A Salute to the New Mexico Symphony Orchestra's Hispanic Roots", in Albuquerque, all ORION employees are eligible for a 20% discount on tickets to attend this concert.

This concert will take place at 2 p.m. at the National Hispanic Cultural Center, which can be found at the intersection of 4th Street SW and Avenida César Chávez.

Simply call the box office at 505-881-8999, and identify yourself as an ORION employee, and you will receive the discount on this concert.

Here are the specifics for the concert:

CLASSICS V—ROMERO GUITARS

"The Romeros have developed the technique of the guitar by making what is difficult to look easy; they are, without a doubt, the grand masters of the guitar."

- composer Joaquin Rodrigo

The NMSO celebrates its Latin roots with the "Royal Family of Guitar"... The Romero name is synonymous with the finest in classical guitar music throughout the world.

Performers

Guillermo Figueroa, conductor
 Pepe Romero, guitar
 The Romero Guitar Quartet
 Miguel del Aguila, piano

Program

Cordero, Concierto Festivo
 Rodrigo, Concierto Andaluz
 De Falla, Three Cornered Hat, Suite No. 2 Del Aguila, Conga



the Observatory

Volume 3—No. 7

Where Stars Are Born

September 14, 2007

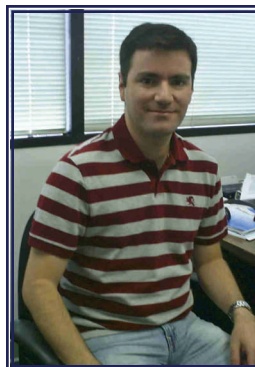
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Dr. Simon Barriga, part of the Advanced Technologies Group at the ORION Corporate office, had an article published in the August issue of the IEEE Transactions on Medical Imaging. The scientific paper is titled, "Spatiotemporal Independent Component Analysis for the Detection of Functional Responses in Cat Retinal Images" by Dr. Simon Barriga, et. al.

In this article, Dr. Barriga quantifies the limits of a statistical technique, Independent Component Analysis (ICA), in the detection of low intensity functional signals from cats' retinas. The analysis of the images from a novel retinal imaging device demonstrated that, by using ICA, the retinal imaging could detect changes as small as 0.01% of the retinal image intensity during visual stimulation. This research may lead to new means of early detection of retinal diseases, such as Glaucoma, the leading cause of blindness in the world. In addition, the techniques used in this article can be applied to other areas of research.

The article was based on the work performed by Dr. Barriga while pursuing his Ph.D. degree. It is also a multi-disciplinary collaboration of engineers, ophthalmologists, and neuroscientists from The University of New Mexico, University of Iowa, and the State University of New York at Syracuse.

IEEE Transactions on Medical Imaging was the number two most-cited journal in Electrical and Electronics Engineering, number one cited journal in Imaging Science & Photographic Technology, the number two cited journal in Biomedical Engineering and the number two cited journal in Computer Science Interdisciplinary Applications in 2006. This publication focuses on imaging of body organs, usually in situ, rather than microscopic biological entities, and the associated equipment and techniques, such



as instrumentation systems, transducers, computing hardware, and software.

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Maria Estela de Rios, President & CEO of ORION Technical Resources, and Rich Engstrom, ORION International Technologies' Director of Engineering, were featured on High Tech New Mexico radio program with Mike Langer on KKOB 770AM Sunday, September 9, 2007.

During the hour, Mike was interested in sharing ORION's success with his listeners. He has followed ORION through the years and referred to the company as "the poster child for a successful high technology startup in NM." Maria shared the environment in the 1980's that led to ORION's start. She first discussed her and Dr. Rios' education in science and the background of both of their families in small business, which showed them that it was possible to make their own destiny through their own company. When the Strategic Defense Initiative "Star Wars" program was in full swing, they recognized the room for innovative small companies willing to focus on niche technologies. Thus began ORION International Technologies.

Mike pointed out that entrepreneurial small businesses do not necessarily follow the business school model, to which Maria stated that the traits of entrepreneurial businesses are:

- Typically seeing no constraints to their success
- Mostly learning by doing
- Relying on many mentors - no one does it alone
- Working hard with a little luck thrown in

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"That some can achieve great success, is proof to all that others can achieve it as well."

-Abraham Lincoln



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September Factoid

The Constitution of the United States was signed on September 17, 1787.

ORION Employees' Corner

ORION wants to share our employees' valuable work. Employees' work experiences will be shared in each newsletter. With your manager's permission, please share your current project at work or a commendation for an employees' exemplary performance.

A Job Well Done!

ORION is committed to its employees and recognizes performance above and beyond normal expectations. At a recent corporate meeting, Mr. Aaron Parrish, ORION's Contracts Administrator, was recognized by Dr. Miguel Rios for his outstanding work on a number of business development efforts. Everyone fortunate enough to work with Aaron knows his character, enthusiasm, and strong commitment to the success of our company. Aaron continually exceeds the expectations set for him. It is a privilege to be his colleague.

Here, the rest of ORION can join Dr. Rios in acknowledging Aaron for his work and encouraging all ORION employees to dou-

Above and Beyond the Call of Duty!

JE Jacobs, partnered with ORION, along with Bob Hester, project manager for ORION TEAS contract at Eglin Air Force Base in Florida, would like to extend their hardest thanks to Roger Powell for his outstanding efforts on a current project. Please read the following excerpt from a letter to Mr. Powell thanking him for his efforts:

"This statement is from Captain Elizabeth Guerra, the Transformational Technology Insertion Program Manager from the 642d Electronic Systems Squadron:

"Before too much time passes, I would like to take this opportunity to express our appreciation for Mr. Powell's extraordinary efforts in helping to keep the Transformational Technology Insertion (TTI) Effort and related projects (i.e., Advantor ASN 5.0 certification) at Test Site C-3 on schedule. Roger went above and beyond for our team by coming in and following up on critical technical issues even when he was under the weather and should have

ble their efforts daily to produce the best possible product.

Way to go, Aaron!



been home in bed. Without Roger's assistance, our project would have incurred a \$36,263 cost impact for each week we were delayed. So please express to Roger our sincere appreciation for his dedication and willingness to go the extra distance for our project."

Now that's customer service. Great job, Roger; keep it up!



"Do a little more each day than you think you possibly can."

-Lowell Thomas

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Notices



A Warm ORION Welcome!

Los Alamos National Labs

Fernando Acosta
Katie Alano
J. Aaron Elliott
Hnin Khaing
Richard Leavitt
Kip Merrill
Brandon Rigby
Ronald York

Sandia National Labs

Julian Bartlett
Bobbi Jackson
Vincent LoPresti
Michelle Winters
Zachary Yelton

ALL ORION EMPLOYEES!

Insurance Open
Enrollment begins on
September 18, 2007
at 2:00 PM at the ORION
Corporate office in Albuquerque.

Please contact Kim Smith,
HR Generalist at ORION
Corporate with any questions regarding this event!
(505) 998-4000 or
ksmith@orionint.com.

ORION Sponsors NMSU Aggie Athletic Fund

The local chapter of the New Mexico State University Aggie Athletic Fund (AAF), wishes to express its sincere thanks for ORION's co-sponsorship of this year's Aggie Shootout Golf Tournament, held at the Chamisa Hills Country Club in Rio Rancho, NM on June 4, 2007. The tournament surpassed everyone's expectations in terms of participation, funds raised (to be used for athletic scholarships at NMSU), and key sponsorships.

Some of the key goals reached:

- While the AAF has a significant challenge to raise funds for the Aggie Athletics Fund (the golf tournament being just one small part of that effort), we also are working hard to connect with our NMSU alumni in the area.

- The tournament posted a record number of golfers (102), a record number of hole/tee sponsors (30), a record number of breakfast and luncheon sponsors (9), and our first title sponsor (Route 66 Casino). Projections are that it will more than triple what will be raised for the AAF from last year's event.

In addition, a private reception hosted by Mr. E. Larry Lujan, Mr. Jerry Lujan, Mr. Joe Lujan, Mr. Edward Lujan and Mr. Steve Byrd, owner's of Manuel Lujan Agencies for NMSU Boosters, was held at the home of the Lujan's. Proceeds from this event benefited the NMSU Intercollegiate Athletics. The ABQ-AAF wishes to thank the Lujan's for their support of Aggie Athletics for their generous donation!

ORION was recognized for their

generous contribution at the luncheon following the golf tournament and as an added benefit, ORION was given a dedicated hole sponsorship with the ORION name on a sign at the tee box.

The NMSU AAF would like to thank ORION and Dr. Rios for the contribution to the AAF and the Aggie Shootout golf tournament.

Thank you and GO AGGIES!



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Maria discussed why ORION has remained in New Mexico and the conscious decision to remain a small business. Much of her discussion focused on ORION's commitment to the community and the quality of life New Mexico offers.

Maria discussed the creation of ORION Technical Resources (OTR) as an ORION affiliated company focused on technical staffing as a response to government and commercial market forces becoming more efficient through outsourcing. The OTR structure allows customers to become more agile. OTR also allows development of a unique structure that creates a specialized support to customers while ensuring full employee support as well.

Mike recognized Maria as a strong community leader who is involved in many

activities around the State. She described the responsibility of business owners to give back to their communities and the joys that she and Dr. Rios have helping New Mexico grow.

"Success is not the key to happiness. Happiness is the key to success. If you love what you are doing, you will be successful."

-Albert Schweitzer