

CRD FRIENDS

NEWSLETTER



Volume 2, Number 1

www.crdfriends.org

JUNE 2008

FROM THE SUPPORT COMMITTEE FOR ARMENIA'S COSMIC RAY DIVISION

The **CRD FRIENDS NEWSLETTER** is the publication of the **Support Committee for Armenia's Cosmic Ray Division (SCACRD)**.

Based on the favorable response from our readers, we are pleased to bring to you, this second issue of our **CRD FRIENDS NEWSLETTER** where we share with you CRD's latest achievements, partnerships, and progress, as well as the Diaspora's involvement.

The CRD, one of the top five cosmic ray research organizations, operates the world's most extensive high-altitude, ground-based facilities studying space weather. But due to the economic difficulties in Armenia, CRD's resources are extremely limited. **The SCACRD was formed to raise Diaspora awareness about CRD's research and to help the outstanding scientists working IN Armenia.**

Founded in 1943 by two world-renowned physicists, brothers Artem and Abraham Alikhanyan, the CRD has a 65-year tradition of scientific excellence and education of young university graduate students. The CRD's research stations, *Nor Ambert* and *Aragats*, are located on Armenia's Mt. Aragats at elevations of 6,500 feet and 10,500 feet, respectively. The main computation center and CRD headquarters are in Yerevan, Armenia's capital. Electric power lines and the road on Mt. Aragats up to 10,500 ft. elevation were constructed to serve the CRD research stations. It would cost nearly one billion dollars to construct this infrastructure today.

The Diaspora partnership with the CRD, through financial, networking, and equipment support, continues to play a key role in CRD's world-class achievements. We want to thank all CRD supporters and urge others to back this important cause.

To learn more about the CRD and its importance to Armenia and the world, please visit www.crdfriends.org. Read the first CRD FRIENDS NEWSLETTER in the PRESS RELEASE section of the website.

Anahid D. Yeremian



SAVE THE DATE AND PLAN TO ATTEND!

SUNDAY, MARCH 15, 2009 AT 2:00 PM

BENEFIT CONCERT FOR THE CRD

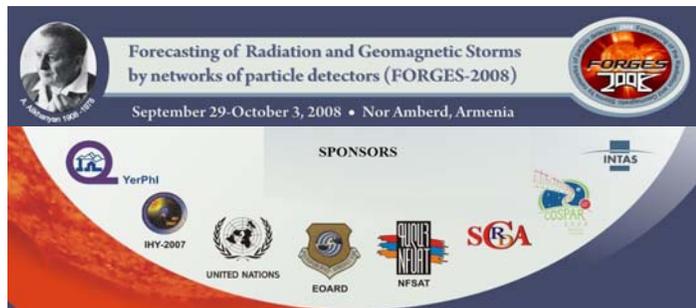
FEATRING

SERGUEI AZIZYAN

PRINCIPAL VIOLINIST OF THE DANISH SYMPHONY ORCHESTRA

CALIFORNIA PALACE OF THE LEGION OF HONOR
100 34-TH AVE, SAN FRANCISCO

CRD IS PREPARING TO HOST FORGES-2008



Scientists from all corners of the world will attend this international astro-particle physics conference in Armenia to discuss the current state and future development of space particle detector networks around the globe to improve space weather forecasts and alerts. To read about Cosmic Rays and Space Weather see the CRD FRIENDS NEWSLETTER vol. 1, no. 1, p. 2.

The conference is sponsored by the Cosmic Ray Division of the Yerevan Physics Institute named after Artem Alikhanian, the International Heliophysical Year 07 initiative, the United Nations, the U.S. European Office of Air Force Research & Development, the National Foundation for Science & Advanced Technology, the Support Committee for Armenia's Cosmic Ray Division, the international Committee on Space Research, and the European International Network of Technology And Science

The organizing committee, chaired by the head of the CRD, Ashot Chilingarian, includes department heads:
Nat Gopalswamy – Goddard Space Flight Center, NASA
Joseph Kunches – Space Weather Pred. Cent., NOAA
Hartmut Gemmeke – Karlsruhe Res. Cen., Germany
Lev Dorman – Israel Cosmic Ray Research Center
Vaher Petrosian – Stanford University
Vahe Peromian - UCLA
Michail Panasuk – Moscow State University
Helene Mavromichalaki – University of Athens

The conference results will be summarized in the Fall 2008 issue of CRD FRIENDS NEWSLETTER.

AMERICAN YOUTH FOR CRD



On May 3, 2008 the Youth Orchestra from Oakland under the direction of Conductor/violinist/Coach Heggine Boloayan joined by the artistic director/pianist Karine Keledjian, vocalists Ani Keledjian, Ashken Sarkisyan, and dudukist Sheram Comfort mesmerized the audience gathered at the California Palace of the Legion of Honor with numbers from Vivaldi, Mendelssohn, Bach, Khachadourian, Gomidas, Sayat Nova, and Keledjian's Dedication to Yuri Bakhshian.

The annual CRD TRIBUTE concert is one of a number of fund raising efforts to support the world class science research at the Cosmic Ray Division in Armenia.

Prior to beginning the musical program, San Francisco Bay Area KTVU news anchor/reporter Gasia Mikaelian brought the latest update report about the CRD, and interviewed two Diaspora summer inters who spent a month at the CRD in 2007. A thank you note from Prof. Ashot Chilingarian read prior to the start of the second half warmed the hearts of everyone.

The concert ended with many curtain calls and two en'core. The Audience did not want to let them go.

"I thought it was going to be a great program, but I did not realize how great! I wish I had brought more friends", Khajag Sarkissian.

"We are really proud of the CRD scientists", Bousians.

Don't be left out. If you are in the Bay Area, join us next year on March 15!

SCACRD operates under the umbrella of the Armenian Engineers and Scientists of America Inc. (AESAs), a 501 (c) 3, tax-exempt (ID 95-3957498), charitable organization dedicated to promoting scientific and engineering excellence in the United States and Armenia. AESA has chapters in California, Michigan, and greater Metropolitan Washington DC area. www.aesa.org

In Armenia, the committee operates under the umbrella of the National Foundation for Science and Advanced Technology (NFSAT), a non-profit, non-governmental, independent organization dedicated to the promotion and funding of science and education for peace in Armenia. www.nfsat.am

AESA and NFSAT's financial integrity are assured by annual audits in accordance with international standards by both the IRS and the independent company Grant Thornton International.