

題名 ISWI Newsletter – Vol. 4 No. 49
差出人 George Maeda

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 * I S W I = International Space Weather Initiative *
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Attachment(s):

(1) "armenianlife", 700 KB pdf, 2 pages.

 : Re:
 : Armenia invited to join SCOSTEP,
 : during 2012 ISWI Steering Committee
 : Meeting in Vienna.

Dear ISWI Participant:

During the ISWI Steering Committee Meeting that was held at the offices of the United Nations in Vienna on Valentine's Day 2012, Armenia (represented by Prof. Ashot Chilingarian) was invited to join SCOSTEP (represented by its president, Dr Nat Gopalswamy). This invitation is elaborated in the attached Armenian Life article.

I extract to put here one paragraph from the attached article:
 : In mid-February the United Nations Office of Outer Space Affairs held
 : its International Space Weather Initiative (ISWI) steering committee
 : meeting in Vienna. As a member of this elite group of scientists from
 : around the world, Prof. Ashot Chilingarian reported on CRD' s
 : Space Environmental Viewing and Analysis Network (SEVAN), which is
 : a network of cosmic ray monitors which are designed and made in Armenia
 : and are being deployed in a number of countries. The ISWI currently
 : has 15 instrument projects either under development or in deployment
 : in 101 countries. These instrument deployments are coordinated by scientists
 : from Armenia, France, Japan, Switzerland and the United States.
 : The conclusions from the steering committee meetings were reported
 : to the United Nations Committee on the Peaceful Uses of Outer Space
 : forty-ninth session held in Vienna, Austria on February 6-17, 2012.
 (End of extraction.)

Please continue to send your space weather news to this newsletter.

Most cordially yours,
 : George Maeda
 : The Editor
 : ISWI Newsletter

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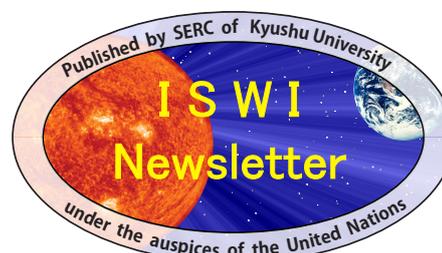
[Armenia Invited to Join International Scientific Team](http://www.armenianlife.com/2012/03/16/armenia-invited-to-join-international-scientific-team/)

– March 16, 2012



<http://www.armenianlife.com/Home2/wp-content/uploads/2012/03/scientific.jpg>

Prof. Ashot Chilingarian (back row, second from right) with some of the ISWI colleagues at the UN subcommittee meeting in Vienna



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on 4 May 2012.

The President of the *Scientific Committee on Solar-Terrestrial Physics* (SCOSTEP), Dr. Nat Gopalswamy, on February 13, 2012 invited Armenia to join SCOSTEP as an adherent member of this important international scientific team. This invitation is a direct result of the monumental achievements of the Cosmic Ray Division (CRD) of the Yerevan Physics Institute in the global scientific arena. In his invitation Dr. Gopalswamy noted the valuable contribution of Armenia's scientists and of Prof. Ashot Chilingaryan to understanding the physics of Sun-Earth interactions. In his letter to Professor Samvel Harutunyan, Chairman of Armenia's State Committee on Science, Dr. Gopalswamy cited the enormous Armenian scientific contributions from both the data collected at observatories on Armenia's Mt. Aragats and the data analysis tools developed by Prof. Chilingarian and his scientists. Stated Gopalswamy, "*Armenia has been very active in the Solar Terrestrial Physics research area with lots of young researchers active and making their presence known with excellent*

publications. Armenian scientists have also been contributing enormously to the physics of the Sun-Earth system by creating observing facilities and data analysis tools, and are recognized internationally. For this reason, I invite Armenia to become an official member of the Scientific Committee on Solar Terrestrial Physics (SCOSTEP)."

Dr. Gopalswamy is a noted research scientist at the U.S. National Aeronautics and Space Agency (NASA). Professor Ashot Chilingarian is the director of Armenia's Yerevan Physics Institute, the head of its Cosmic Ray Division (CRD), a noted scientist researching cosmic ray physics and space weather – the effects of solar disturbances on the earth's environment, and a professor of cosmic ray physics at Yerevan State University with several PhD students under his wings.

In mid-February the United Nations Office of Outer Space Affairs held its International Space Weather Initiative (ISWI) steering committee meeting in Vienna. As a member of this elite group of scientists from around the world, Prof. Ashot Chilingarian reported on CRD's Space Environmental Viewing and Analysis Network (SEVAN), which is a network of cosmic ray monitors which are designed and made in Armenia and are being deployed in a number of countries. The ISWI currently has 15 instrument projects either under development or in deployment in 101 countries. These instrument deployments are coordinated by scientists from Armenia, France, Japan, Switzerland and the United States. The conclusions from the steering committee meetings were reported to the United Nations Committee on the Peaceful Uses of Outer Space forty-ninth session held in Vienna, Austria on February 6 – 17, 2012

On a further note, in February Prof. Chilingarian visited a number of National Scientific Laboratories in Germany and Austria, meeting and solidifying relationships with their directors. In his visits to these research institutions, Prof. Chilingarian noted the large number of scientists from Armenia who, after the collapse of the Soviet Union and Armenia's difficult economic situation, moved to scientific institutions in Europe. During discussions, Chilingarian worked to establish collaborative relations between these expatriate Armenian scientists and their colleagues in Armenia.

Prof. Chilingarian announced that starting in mid-March, the "*Vaporciyan Multivariate Analysis Project*" will begin at the Cosmic Ray Division. This is an important new project which enhances the ability to analyze massive amounts of complex cosmic ray data gathered around the world. Armenian scientists from the Cosmic Ray Division of the Yerevan Physics Institute and the Cosmic Ray Division of the Forschumzentrum in Karlsruhe, Germany will lead the project. New students at the CRD will have the opportunity to work on it as part of their PhD thesis work. This project is named in honor of late Kirakos Vaporciyan and his surviving brother Harutyun and their family. The Vaporciyan family has been a steadfast supporter of the CRD for the past 10 years and thanks to them and other supporters like them, CRD has been able to put Armenia on the map for outstanding scientific achievements such as enumerated above. Equally importantly, it is this support that has helped to retain bright young scientists in Armenia, a trend that will hopefully expand with time.

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