

ArAS News

NEWSLETTER

ARMENIAN ASTRONOMICAL SOCIETY (A r A S)



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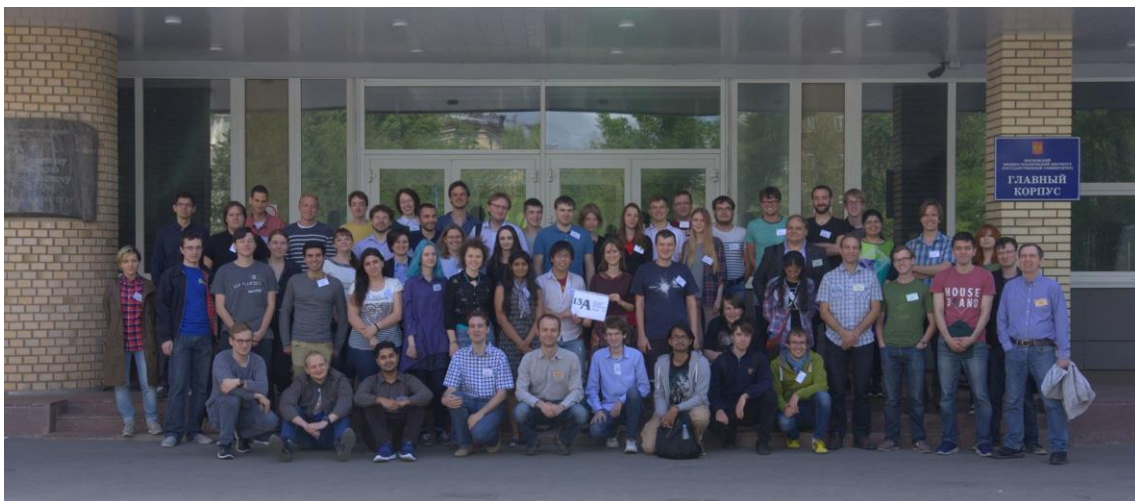
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SUMMER SCHOOL IN COMMEMORATION OF THE 100TH ANNIVERSARY OF VITALY L. GINZBURG

13A school of
modern
astrophysics
mipt '17

Moscow Institute of Physics and Technology (MIPT) and P. N. Lebedev Physical Institute (LPI) hosted the Thirteenth International Summer School of Modern Astrophysics. The school took place on 3 - 7 July 2017 at the MIPT campus in Dolgoprudny near Moscow, Russia. The school welcomed undergraduate and graduate students, and postdocs. The working language is English.

The participants also applied for a two-week program immediately following the school, 10 - 21 July 2017. This program allowed selected participants to participate in in-depth discussions of high-energy astrophysics theory and numerical methods, as well as potentially getting research experience by starting small science projects. The first week of this program was led by Alexander Tchekhovskoy and focus on the wide range of astrophysical phenomena powered by compact objects. The second week was led by Alexander Philippov and focus on kinetic effects in plasmas in various astrophysical contexts. Among the lecturers were Mikhail Medvedev, Omer Bromberg, Yuri Cavecchi, Wladimir Lyra, Kyle Parfrey, Alexander Philippov and Alexander Tchekhovskoy.



From Armenia BAO young researcher, Naira Azatyan participated to the International Summer School of Modern Astrophysics.

FOURTH BYURAKAN SCIENCE CAMP

Byurakan Astrophysical Observatory (BAO) and **Armenian Astronomical Society (ArAS)** with the partial sponsorship of the **Fund for Armenian Relief (FAR)** organized the **Fourth Byurakan Science Camp** on 21-26 August 2017 at BAO. During these days, 25 pupils accompanied by the organizers and Byurakan young astronomers stayed at BAO hotel and benefited the science atmosphere and contacts with scientists, as well as had active rest.

Target group was 12-15 year old pupils selected by the directors of schools, as well as by individual registration. In addition, the organizers had individual interviews with the potential participants. The selection criteria of pupils were according to their interest in Astronomy, Physics and Mathematics, as well as some knowledge of English was encouraged. The number of participants was 25, including pupils from Tavush, Sisian, Gegharkunik, Aragatsotn and Yerevan regions. We especially highlighted the participation of pupils from remote villages of Armenia; as a result, we had 17 pupils from villages.



The Science Camp had rather rich program, including Scientific, Educational and Social ones. A number of lectures were given on various topics of Astronomy by BAO scientists, observations and tutorials were organized. Various meetings and discussions, intellectual and sports games, social tours were organized as well.

The Science Camp events included:

- **Popular astronomical interactive lectures:** *The role of Science in Human Society, Our understanding of the Universe, Solar System, Stars and Nebulae, Galaxies and Cosmology*
- Star gazing with telescopes
- Tutorials on astronomical research, software, databases and archives
- Watching science films with comments of professional astronomers
- Meeting and lectures with **BAO Director Dr. Areg Mickaelian**
- Meeting with the **famous writer Razmik Davoyan** and performing his poetry
- Meeting with the **Deputy Director of NAS RA Institute of Molecular Biology Dr. Gohar Cakanova**, lecture about AstroBiology

- Meeting with the FAR Educational, Science and CASP Program Coordinator **Mr. Eduard Karapetyan**
- **Interactive English lessons and games**
- Talk about Cultural Astronomy by **Dr. Grigor Broutian, Karen Tokhatyan and Sona Farmanyan**
- Talk about Armenian Holidays by **Dr. Gohar Vardumyan**
- **Robot launch** from BAO territory
- **Intellectual games** Visit to BAO biggest (2.6m) telescope
- Visit to Viktor Ambartsumian's museum
- Acquaintance to the night sky: constellations and bright stars
- Excursion to Amberd fortress, Armenian Letters, Ohanavank and Saghmsovank
- Excursion to Oshakan, Aghtsk and Tegher Monastery
- Hiking in the surrounding of Byurakan (Byurakan churches St. Hovhannes and Artavazik)
- Sport games and competitions: football and volley-ball
- Awarding certificates of participation and for prizes



The Scientific Program included a number of lectures given on various topics of Astronomy and other fields by BAO scientists, as well as observations and tutorials were organized. The Educational Program included intellectual games and English lessons. The Social Program included many excursions, sports games, etc.

ANSEF 2018 GRANT CALL

The Armenian National Science & Education Fund invites grant applications for the 2017 competition. Applicants are to submit their applications through the ANSEF website portal, accessed from the top bar of the ANSEF website (www.ansef.org) or directly through the link ansef.herokuapp.com. The deadline for submissions is August 31, 2017. Competition results will be announced early January 2018. For further questions, contact help@ansef.org.



A.N.S.E.F.

If you have applied for an ANSEF grant in the past through the portal, you may use your old account to submit new applications. If you have forgotten your password, the portal allows you to reset it and log in with a new password. This allows you to access all your past information in your new proposals. Watch the video tutorials on the portal's login page for more instructions. If you are a new applicant who have not used the ANSEF portal before, you need to use the portal to first register. You will then receive an email to confirm your new account, and then proceed with logging in.



For any technical questions about the ANSEF portal, please contact website@ansef.org

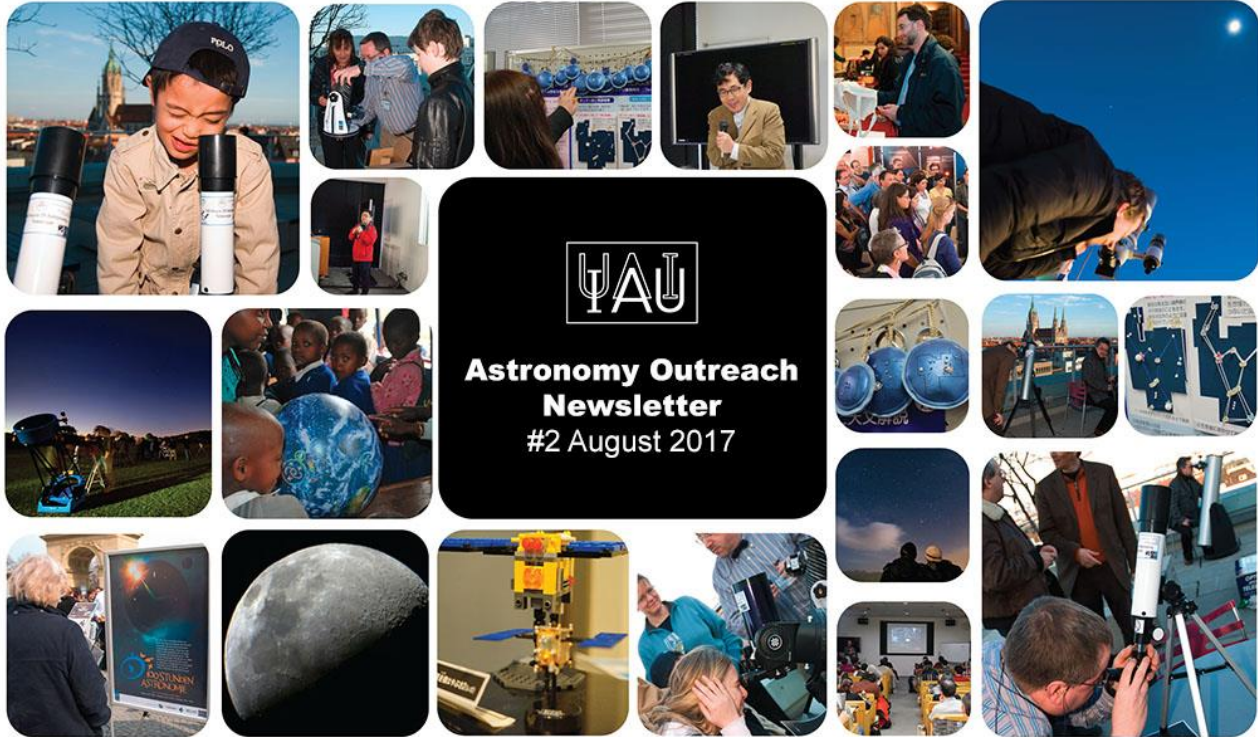
Release of NRAO Newsletter August Issue



Upcoming Events

- ALMA Long Baseline Workshop
Oct 3 - 5, 2017 | Mielparque Kyoto, Japan
- 6th VLA Data Reduction Workshop
Oct 23 - 27, 2017 | Socorro, NM
- 2017 Jansky Lecture
Oct 24, 2017 | Charlottesville, VA
- 2017 Jansky Lecture
Oct 27, 2017 | Green Bank Observatory, WV
- 2017 Jansky Lecture
Nov 3, 2017 | Socorro, NM
- NRAO Town Hall at the Jan 2018 AAS Meeting
Jan 11, 2018 | National Harbor, MD
- The Very Large Array Today and Tomorrow: First Molecules to Life on Exoplanets
Jan 11, 2018 | National Harbor, MD

Release of IAU Astronomy Outreach Newsletter 2017, August



0) From the Editors

- 1) Astronomy Translation Network - Call for support
- 2) Focus Meeting 14 (FM14): IAU's role in global astronomy outreach, the latest challenges and bridging different communities
- 3) IAU Office of Astronomy for Development - AstroSENSE Project
- 4) National Outreach Contacts (NOCs) Corner: News from Indonesia
- 5) Slooh Makes Looking into Outer Space Free
- 6) Latin-American Journal of Astronomy Education (RELEA)
- 7) ALMA at School - Radio Astronomy Manual for Teachers
- 8) UNESCO International Conference on "Astronomical Heritage of the Middle East"
- 9) Meetings & Global Events for 2017

Recently added

Important Dates

Upcoming

- 10) IAU Astronomy Outreach Newsletter in other languages
- 11) Contributions to IAU Outreach Newsletter

Vassilis CHARMANDARIS-50

On August 14, ArAS member Prof. Vassilis Charmandaris celebrated his 50th anniversary.

Vassilis Charmandaris obtained his BSc in Physics from the University of Thessaloniki in 1989 and his PhD in Astrophysics from Iowa State University (USA) in 1995. He was a Postdoctoral Researcher at the Astrophysics Section of CEA/Saclay in France in 1996. From 1997 until 1999 he was a Marie Curie fellow at the millimeter and infrared astronomy department (DEMIRM) of Paris Observatory, where he has also been elected as Chercheur Associe since 2001. From 1999 until 2005 he was a Research Associate at the Astronomy Department of Cornell University. He joined the University of Crete as an Assistant Professor in 2005 February, in 2009 he was promoted to Associate Professor, and in 2014 he became a Professor. From 2013 September he serves as the Director of the Institute for Astronomy, Astrophysics, Space Applications and Remote Sensing of the National Observatory of Athens.



His research interests include: Observational Extragalactic Astrophysics, with emphasis in Space Infrared Astronomy. He has been working mostly on problems related to the properties of the dust, molecular gas depletion, and star formation in interacting galaxies, starbursts and active galactic nuclei.

Find more information about Prof. Charmandaris at:

<https://www.astro.noa.gr/en/staff/cv.php?staff=researchers&id=charmandaris>

LUNAR CALENDAR OF SEPTEMBER

CALENDAR OF LUNAR PHASES SEPTEMBER 2017

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
				1	2	3
4	5	6 Full Moon	7	8	9	10
11	12	13 Lunar crescent (last quarter)	14	15	16	17
18	19	20 New Moon	21	22	23	24
25	26	27	28 Lunar crescent (first quarter)	29	30	