ACTIVITY BULLETIN 2023
2023 was a challenging year for our country. We began the year by planning a series of panels to commemorate the Centennial of the Republic, emphasizing the role of science in everyday life. We recognize that when science is not the cornerstone in all areas affecting our daily lives, society as a whole suffers the consequences.

The goal of our panels was to reflect on the achievements of the Republic in its 100 years, established under the visionary leadership of Atatürk, who placed science at the forefront. More crucially, we aimed to usher the Republic into its second century with steps grounded in scientific foresight and academic consensus, thereby positioning our nation to become a global leader. To achieve this, we brought together specialists from various disciplines to discuss key topics on a common platform, breaking down the barriers that separate fields. Our intention was for researchers, who approach the same questions from diverse perspectives, to discover the intersections of their fields, learn from one another, and experience the 'a-ha moments' that epitomize scientific discovery. Simultaneously, we wanted the audience to actively engage in this process, enriching and being enriched by the dialogue. We wish to underscore that it is only through such interactions that we can develop voluntary, science-based solutions that the society will adopt voluntarily.

After our initial panel on Health in January, the devastating earthquakes of February 6 profoundly impacted us. These events underscored the peril of short-term, 'easy' solutions that neglect scientific foundations, affecting not only our current generation but also future ones. After dedicating four panels to addressing the aftermath of the earthquake, we resumed our centennial panels on Economy and Agriculture. In 2024, we will continue with discussions on Law and Education. Amidst our earthquake response, supported by Bank ABC, we organized a workshop to propose Project Calls focused on
Project Calls on the Earthquake-Resilience-Focused Transdisciplinary Research. This initiative aimed to bridge the gaps between disciplines, motivated by the observation that many conclusions from meetings, workshops, and reports on earthquake and urban transformation in Turkey often remain unimplemented. At this workshop, we crafted scientific project call texts utilizing the collective wisdom of experts across various fields, representatives from relevant public institutions, NGOs active in the earthquake zones, and funding bodies. We shared these proposals as open-source texts, hoping they will guide funders and lead to projects that significantly enhance our resilience to earthquakes.

Another significant initiative in our Centennial of the Republic celebrations was the publication of the book titled “Sahada: Cumhuriyetin Harcında Bilim ve Kadınlar” (In the Field: Women in Science in the Foundational Years of the Turkish Republic). Details of this project, generously supported by the Ekol Foundation, can be found in this bulletin. As a female scientist who benefited from the opportunities provided by the Turkish Republic, I had the privilege of writing the introduction to the book, sharing my reflections inspired by this project. I hope you will take the opportunity to read the book and gain a fresh perspective on the progress made over the century, not just for women but for all citizens.

Each year, we invite a world-renowned expert to our annual Conference of the Year, an event we initiated in 2016 thanks to the leadership and contributions of our dear member, Ayşe Buğra. This year, in line with our Centennial themes and recent challenges posed by earthquakes, we welcomed Robin Coningham, UNESCO Chair in Archaeological Ethics and Practice in Cultural Heritage at Durham University. Professor Coningham is a leading authority on protecting cultural heritage from natural and man-made disasters and the recovery of cultural heritage following such events. We are optimistic that his visit will foster new collaborations and inspire further initiatives on this vital issue.

Our annual Science Day, which also featured the BAGEP awards ceremony, was graciously hosted by Bilkent University. The event included insightful seminars by academics who had won BAGEP awards in various disciplines in previous years. Additionally, we publicly discussed our Academic Freedoms Report. Throughout the year, we continued publishing announcements that we prepared as issues requiring academic sensitivity came to light, and we held our now traditional Summer Schools. We further diversified the content of Sarkaç, which has established itself as an important platform in Turkey with its original popular science articles.

One of our Academy’s primary objectives is to extend our influence beyond simply being a hub for researchers who have made significant contributions to science in our country and honoring promising young scientists. With the awareness that we can further our ambition of being the preferred resource for all institutions in our country that seek to foster ideas on any science-related issue, we express our gratitude and wish for the continuance of your support of Türkiye’s independent Science Academy.

PROF. DR. CANAN ATILGAN

PRESIDENT OF BILIM AKADEMISI
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For 2023, the 100th anniversary of the Republic of Türkiye, Bilim Akademisi had planned to dedicate its monthly popular science lectures in a special panel format, to be held on the theme of evaluating the past and thinking about the future of the Republic, with each panel focusing on a different area. After the February 6 earthquake, these Anniversary the Republic Panels were postponed to make space for panels of experts on earthquake damage prevention and relief.
On the 100th anniversary of the Republic of Türkiye, Bilim Akademisi, with the support of Ekol Foundation, published a book about the outstanding efforts and successes of twelve Turkish women who turned to scientific research in the field. Research activities were only just starting, and field work in particular had been carried out by men until the early decades of the Republic. This selection entitled “Sahada: Cumhuriyetin Harçında Bilim ve Kadınlar” (In the field: Women in Science in the Foundational Years of the Turkish Republic), focused on the field work of women scientists and social scientists who had completed their training with the opportunities instituted by the Republic.

The twelve women whose stories are presented are archeologists Halet Çambel and Jale İnan, architect and researcher Leman Cevat Tomzu, botanist Asuman Baytop, geologists Cazibe Sayar and Nuriye Pınar Erdem, ichthyologist Fahire Battalgazi, ornithologist Saadet Ergene Bayramoğlu, paleontologist Atıfe Dizer, sociologists Behice Boran and Mubeccel Kiray and social psychologist Fatma Başaran.

The book includes a great number of interviews with family members, students and experts photographs, and archival documents published for the first time. Editor Sabancıoğlu was aided by Maral Yağyazan, who coordinated the project, and Seher Yeğin who conducted the archival research. In addition to the support of members of Bilim Akademisi and their academic circles, many other individuals and institutions also contributed to the book.

What was it like to work on freshwater fish, Istanbul’s oldest rocks, the old houses of Bursa, the flora of Anatolia and Thrace, to conduct archaeological excavations at Karatepe in the middle of nowhere, to do social science research in Ereğli, Soma, Taşköprü; Manisa and Diyarbakır, to dig up fossils called “stone coins”, sculptures unearthed centuries after they disappeared underground, and, finally, to travel, as a woman of science, all around Türkiye to understand the cause of an earthquake? The book traces the lives of each scientist as part of a pioneering generation. In addition to their interesting scientific findings, the work of these women, who were educated and worked in the natural and social sciences during the early years of the Republic and between the two world wars, is also of historical interest, providing a fresh window to discover and understand a newly founded country whose resources were limited and possibilities were just unfolding.

The book launch was held on October 23, 2023 at the Pera Museum, Istanbul. The opening talk was delivered by the editor, Müsemma Sabancıoğlu, who talked about the process of bringing the book to life. The President of Bilim Akademisi Canan Atılıgan, the Founding President of Ekol Foundation, Ahmet Musul, and Erdal Yıldırım, a prominent supporter of Bilim Akademisi highlighted the significance of the project and the achievements of the young Republic.
Bilim Akademisi devoted four of its monthly popular conferences to panels on earthquake related work, like earthquake preparedness, resilient cities and responsible politics.

In addition to the panels, a workshop on formulating calls for "Earthquake-Focused Transdisciplinary Research Projects" was held on Oct. 1, 2023. The workshop brought together expert researchers from different disciplines, relevant stakeholders and potential research project funders around five different themes, in an actively participatory environment, to create research project calls that would be meaningful to support. The project calls were intended to be umbrella calls to encourage the creativity/collaboration of researchers from different fields and to include guiding elements in line with the realities/needs of the field and elements that the public and funding bodies would adopt/support.

Earthquake-related work of Bilim Akademisi will be published as a book. A chapter titled "A scientific roadmap for preparing cities for earthquakes", a guide addressed to municipal governments, is being prepared under the editorship of Bilim Akademisi member Naci Görür. This chapter will also be disseminated as a separate booklet in printed and digital format.
This year Bilim Akademisi hosted Robin Coningham for the Annual Lecture. Coningham, an archaeologist conducting research on the protection of cultural heritage from disasters, is the UNESCO Chair in Archaeological Ethics and Practice in Cultural Heritage at Durham University. In connection with the events we organized throughout the year under the theme 'The New Century of the Republic in the Light of Science' and our work after the earthquake, the Annual Conference, addressed the importance issue of protecting cultural heritage against disasters.
The Science Day on April 8, 2023 was held at Bilkent University, Ankara. After short popular science presentations by three BAGEP alumni, a recital by the university’s Music Preparatory School students brightened up the day. As usual, the day’s program ended with the presentation of the 2023 BAGEP Awards.

BAGEP is The Science Academy’s Young Scientist Awards Program. The award is a two-year research support fund placed at the awardees’ disposal. Modest in comparison with research project budgets, the awards are much appreciated because of practical availability for daily research needs, without red tape attached.

BAGEP awards are very prestigious and competitive. The awards, given by the Science Academy since 2013 to identify and reward young academics and support their research, are funded entirely by donations from individuals and private foundations.

At the 2023 BAGEP award ceremony 39 new awards were added to 396 awards from previous years. We congratulate the young academics who won the BAGEP 2023 Award.
Thanks to our supporters

DESTEKÇİLER
2023

- Vehbi Koç Vakfı
- Elgınkan Vakfı
- SABancı Vakfı
- TEKFEN Vakfı
- HÜSNÜ MÖZYEGIN Vakfı
- Eczacıbaşı

Selahattin Süleyman Tekinay anıtsal
BAGEP Sosyal Bilimler Ödülü
- Anonim

Selim Demiren anıtsal
BAGEP Matematik Ödülü
- Mehveş Demiren

Rona Serozan anıtsal
BAGEP Sosyal Bilimler Ödülü
- Rona Serozan Karşılaştırmalı Hukuk Araştırmaları Vakfı

Erdal İnönü anıtsal
BAGEP Fizik Ödülü
- Sevinç & Erdal İnönü Vakfı

BAGEP Tıp Ödülü
- Okan Akhan

Çığdem Kağıtçabaşı anıtsal
BAGEP Sosyal Psikoloji Ödülü
- Kağıtçabaşı Ailesi

* Her yıl tıp alanında ödül kazanan bir BAGEP'lı ÇYDD Türkan Saylan Bilim Ödülü'ne de layık görülmektedir.
Bilim Akademisi has established the category of Memorial Honorary Membership. The first two Memorial Honorary Members are Robert Langlands, who was elected Cahit Arf Honorary Member and Edward Witten, who was elected Feza Gürsey Honorary Member, at the General Assembly of Bilim Akademisi on April 29, 2023.
SUMMER SCHOOLS

BİLİM AKADEMİSİ
SOCIAL SCIENCES SUMMER SCHOOL
AT ÖZYeğin UNIVERSITY

20 - 22 HAZİRAN 2023

BİLİM AKADEMİSİ
ÖZYEŞİN ÜNİVERSİTESİ
SOSYAL BİLİMLER YAZ ÖKULU
2023

Bilim Akademisi- Özyeğin University Social Sciences Summer School took place between June 20 and 22, 2023. Organized in simultaneous Economics, Psychology, Political Science and International Relations sessions, the Social Sciences Summer School especially aimed to provide information about the developments in current research topics and encourage students for research careers in science while bringing them and experienced researchers together.

BİLİM AKADEMİSİ MACHINE LEARNING
SUMMER SCHOOL WITH ISTANBUL
TECHNICAL UNIVERSITY

Under the umbrella of Bilim Akademisi, the Machine Learning Summer School was organized on June 22 -25, 2023 at Sabancı University by Istanbul Technical University’s Institute of Informatics. Twenty scientists lectured in the school which was the eighth in the series of summer schools on “Current Techniques in Artificial Learning from Theory to Practice”.
“Açık Radyo.” 95.0

The Science Academy Women of the Future’ project was organized for the second time in collaboration with PepsiCo in June. Scholarships were awarded to students by the Turkish Education Foundation (TEV).

University students in the fields of Science, Technology, Mathematics and Engineering (STEM) received educational and mentoring support and were inspired through interviews with Bilim Akademisi members and BAGEP award winners.

February 6 earthquake disaster - announcement by the Board of Members of Bilim Akademisi.

Bilim Akademisi announcement on the remote education decision of The Higher Education Council.

Bilim Akademisi announcement on the ban on education for women in Afghanistan.

Announcement on the Recent Developments at Boğaziçi University (July 2023).


(Tüm duyurularımıza https://bilimakademisi.org/category/duyurular/ adresinden erişebilirsiniz)
NEW MEMBERS

PROF. DR. ALPAN BEK
MIDDLE EAST TECHNICAL UNIVERSITY
PHYSICS

PROF. DR. AYŞE NURAY KARANCI
TOBB UNIVERSITY OF ECONOMICS AND TECHNOLOGY
PSYCHOLOGY

PROF. DR. ÇAĞATAY BAŞDOĞAN
KOC UNIVERSITY
MECHANICAL ENGINEERING

PROF. DR. EMRAH KALEMCİ
SABANCİ UNIVERSITY
PHYSICS

PROF. DR. FİKRİ KARAESMEN
KOC UNIVERSITY
INDUSTRIAL ENGINEERING

PROF. DR. HAKKI POLAT GÜLKAN
BASKENT UNIVERSITY
CIVIL ENGINEERING

PROF. DR. LALE AKARUN
BOĞAZİÇİ UNIVERSITY
COMPUTER ENGINEERING
Our member, historian and writer Zafer Toprak passed away on June 3, 2023. Zafer Toprak will always be remembered for the excellent scholarly works he left behind.

**E-COMMERCE WEBSITE**

Bilim Akademisi’s e-Commerce website [http://dukkan.bilimakademisi.org](http://dukkan.bilimakademisi.org) where ‘In the field: Women in Science in the Foundational Years of the Turkish Republic’ and donated other publications are sold has been set up.

**EUROPEAN CODE OF CONDUCT FOR RESEARCH INTEGRITY AND COARA**

ALLEA Published the 2023 Revised Edition of the European Code of Conduct for Research Integrity. The revised version and its translation into Turkish can be found on our website.

Besides being a signatory of the Coalition of Advancing Research Assessment (CoARA), Bilim Akademisi became also a member of the initiative in November 2023.
You can contact us at ofis@bilimakademisi.org to get a donation card. All cards are available at https://bilimakademisi.org/bagis-kartlari/
Sarkaç – sarkac.org is the Bilim Akademisi popular science portal.

104 articles/interviews were published on Sarkaç in 2023.

The only easily accessible online guide for amateur sky watchers, “The Sky This Month” series continued during the year.

‘The Science Talks’ program, prepared and presented by a Bilim Akademisi team, was broadcast bi-weekly on Fridays at 10 AM on Açık Radyo 95.0 FM. The program discussed various science and social science topics in health, economy, agriculture, politics, law etc., derived from the panel series during the year.