A new paper on advancing the capabilities of nanomechanical sensors has been published in Nature Nanotechnology, widely considered the top journal in the field. The work has been developed in collaboration between Bilkent University, Caltech and the University of Melbourne. The lead author of the work is Asst. Prof. Selim Hanay of the Department of Mechanical Engineering and CNAM.

Nanomechanical sensors (NEMS) are engineered, extremely small mechanical structures. Due to their minute size, NEMS can operate as exquisite sensors of physical changes. Previous experiments at Caltech demonstrated the capability of these sensors to measure the mass of single molecules. This paradigm (NEMS-based mass sensing) offered new capabilities for rapid and low-cost characterization of large biomolecules, accomplished at the chip scale.

Now, with the research published in the new paper, the capabilities of NEMS sensors have been expanded further. It has been shown that molecules’ size and shape, as well as their mass, can be detected by NEMS sensors. The multidimensional information (mass and shape) obtained from the analyte will open up new venues for biomolecular characterization. For instance, the determination of the type of a virus will be accomplished by considering both the weight of the virus and its characteristic shape.

In order to resolve the shape of a molecule, researchers use the higher-order mechanical vibration modes of the sensor and combine the information obtained from all vibration modes. The technique has been verified in experiments using disc-shaped cantilevers, as well as in finite-element simulations. Previously, the capability to measure the shape of analytes with inertial mechanical sensors was unknown in the field; this work introduces a paradigm shift in terms of the sensing modalities of mechanical sensors.

The paper is accessible online at the website of Nature Nanotechnology. Other authors of the paper are Dr. Scott Kelber, Dr. Cathal O’Connell, Prof. Paul Mulvaney, Prof. John Sader and Prof. Michael Roukes. More information about nanomechanical sensors can be obtained from the Hanay Research Group, http://nems.bilkent.edu.tr.
The International Chronicles

BY ANNA KARA (MAN/II)

Bilkent News

Name: Emmy Lefort
Department: International Relations/Erasmus
Country of Origin: France

What do you like best about Turkey? Its landscapes and its people, who are very welcoming.

What will you miss most about Turkey/Bilkent? About Turkey, maybe my friends and the food.

What is your favorite place on campus, and why? The fountain.

Why Turkey? My first choice was Belfast (Ireland), but there were some problems, so I couldn’t go. I had to put in a second choice, and I really love Turkey.

What is your favorite Turkish food? My favorite Turkish foods are pide, tulumba and elma çay.

Where do you expect to see yourself in 10 years? Wherever I’m happy. As long as I have my friends and family with me, and a job that I really love.

What is the hardest challenge you’ve overcome in Turkey? At the very beginning, the language; not even saying the vocal part, since vocals by Simen Hestnæs, a.k.a. Vortex, are so unique that it is impossible to misidentify them), and listening to each one separately, you can determine that this is definitely Arcturus.

Coming back to the song, it can be said that it sounds like a blend of “The Sham Mirrors” (TSM) and “SideShow Symphonies.” Svend contributes guitar work together with his keyboard duties, and Knut Magne Vallo’s unique guitar riffing is of course present as usual. The genius of Hellhammer’s drum work is unquestionable; he is one of the most significant session musicians in the metal scene. Skoll’s bass playing has never been in the foreground but has instead complemented the work of his bandmates, a situation that remains true in TAS.

There is general discontent about the mixing of the song, which I am having a really hard time understanding. In my humble opinion, the mixing of the song is excellent. It reflects Arcturus’s musical mentality exactly: completely free ideas, combined with musicianship and strong, innovative song structures. The main concern about the mixing seems to be that the drums (especially the kicks) do not sound good. Well, I’m sorry, but those who say this must be tone deaf. Of course everyone has their own musical taste, but it’s impossible to call the mixing of this song bad; someone might say, “It’s not my cup of tea,” but otherwise they’re talking nonsense.

Now, let’s move on to Vortex. He is one of my all-time favorite vocalists. He joined Arcturus in SS, but he had already contributed to songs in the previous records: TSM and “La Masquerade Infernale.” I don’t really know how much better his voice can get, but it has continued to sound more impressive in each of the records he has sung on for different projects. I have the theory that Arcturus members, without realizing it, are composing songs as if Garm were going to sing them, as he in fact used to. In SS, this created problems in some places, since Garm’s and Vortex’s registers are quite different (although even so, Vortex can successfully sing most of Garm’s songs with both Borknagar and Arcturus). In the case of TAS, it still sounds like the song was composed for Garm, but this time Vortex presents an even more stunning performance, so that you might think his voice also projects the sense of Garm’s.

Finally, to give a brief idea about Arcturus’s style (I think I talked about them in a previous column), they have black metal roots, which can sometimes be spotted, but they also have a sci-fi feeling, emanating from the electronic samples sprinkled between the avant-garde-sounding, cleverly written riffs and the poetry-like lyrics: i.e., they achieve perfection through avant-garde experimentation. May 8 is the release date for “Arcturian,” and until then, you can enjoy TAS. Stay connected to music.

The International Chronicles

BY EGE ÖZGÜN (PHYS/PhD)

Ege Özgün (PHYS/PhD)
eozgun@fen.bilkent.edu.tr

Arcturus Experimentation

Recently, Arcturus streamed their a new song “The Arcturian Sign” (TAS) from their upcoming album “Arcturian.” This will be their first release since “SideShow Symphonies” (SS) of 2005, ending a 10-year hiatus. Arcturus is among the few bands that can get me excited just by announcing that they are releasing something new. This excitement was doubled when I actually listened to the song. To be honest, my expectations were not really sky high before listening to the song, but now, after hearing it, I can say that if the rest of the album is on a par with TAS, “Arcturian” is a strong candidate for the top album of not only this year, but the last 10 years.

The song opens with a nice electronic sample, and then, one by one, signature Arcturus riffs and song structures start to unfold. This is a 100 percent Arcturus song. You can take any of the instrument parts (I’m not even saying the vocal part, since vocals by Simen Hestnæs, a.k.a. Vortex, are so unique that it is impossible to misidentify them), and listening to each one separately, you can determine that this is definitely Arcturus.

Coming back to the song, it can be said that it sounds like a blend of “The Sham Mirrors” (TSM) and “SideShow Symphonies.” Svend contributes guitar work together with his keyboard duties, and Knut Magne Vallo’s unique guitar riffing is of course present as usual. The genius of Hellhammer’s drum work is unquestionable; he is one of the most significant session musicians in the metal scene. Skoll’s bass playing has never been in the foreground but has instead complemented the work of his bandmates, a situation that remains true in TAS.

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A Stellar Performance Caps Off ICMA Award Ceremony at Bilkent Concert Hall

Ten days ago, local audiences had a rare treat, as a major event in the world of classical music brought not one or two, but a whole constellation of stellar artists to Ankara for the ICMA Award Ceremony and Gala Concert. Hosted by the Bilkent Symphony Orchestra and conductor İşıl Kasapoğlu, the event took place on Saturday, March 28 at the Bilkent Concert Hall. Itself the recipient of a “Special Achievement Award” from the ICMA, the BSO accompanied other award winners in the concert portion of the event.

The International Classical Music Awards (ICMA) are given annually to artists from around the world, selected by a 16-member jury of leading music writers from a number of countries; the award ceremony is held in a different city each year. During this year’s ceremony, ICMA President Remy Franck presented awards to musicians and ensembles including Dmitriy Kitajenko, Christian Tetzlaff, Yury Revich, Jodie Devos, Evgeny Koroliov, Xiao-Mei Zhu, Adam Fischer, Wu Wei, John Holloway, the Seoul Philharmonic and the Bilkent Symphony Orchestra as well as BIS Records CEO Robert von Bahr.

Following the ceremony, the gala concert took place at the Bilkent Concert Hall. The concert opened with three solo performances, the first two by pianists: Zhu Xiao-Mei played the Aria from Bach’s “Goldberg Variations,” and Evgeni Koroliov, the Andantino from Schubert’s Piano Sonata in A major, D. 959. Next, the virtuoso Chinese sheng player Wu Wei fascinated the audience with a “Dragon Dance.”

The BSO then took the stage, and conductor Adam Fischer summoned Mozart’s spirit into the hall with the overture from the composer’s “Le Nozze di Figaro.” Belgian soprano Jodie Devos, the “Young Artist of the Year” in the vocal category, displayed a ravishing tone in arias by Debussy and Bernstein, while the Young Artist in the instrumental category, Yury Revich, provided a stunning violin solo in Sarasate’s “Carmen Fantasy.”

Conductor Alexander Liebreich brought great power and intensity to the Intrada from Witold Lutosławski’s Concerto for Orchestra, and violinist Alexander Sitkovetsky offered a moving performance in Andrzej Panufnik’s Violin Concerto. Yet another violinist, “Artist of the Year” Christian Tetzlaff, was both energetic and lyrical in the Finale of Dmitriy Shostakovich’s Violin Concerto No. 2. Finally, Lifetime Achievement Award winner Dmitriy Kitajenko conducted the BSO in an enchanting rendition of music from Tchaikovsky’s “Swan Lake” and “Nutcracker” ballet scores.

Ionesco’s Theater of the Absurd Takes the Stage at Bilkent

A new production of two plays by Eugène Ionesco, “The Bald Soprano” and “The Lesson,” will be performed by Department of Performing Arts students on April 9, 16, 23 and 30 at 8 p.m. in the Bilkent Theater Hall. The two-act production will be directed by İşıl Kasapoğlu.

Often called the father of the theater of the absurd, Ionesco was a leading figure in the French avant-garde movement. He wrote groundbreaking plays that are simultaneously hilarious, tragic and profound.

In “The Bald Soprano,” Ionesco throws together a cast of characters including a quintessential British middle-class family, the Smiths, their guests, the Martins, their maid Mary and a fire chief determined to extinguish all fires. This archetypal absurdist tale gives Ionesco the opportunity to display his profound take on the problems inherent in modern communication.

“The Lesson” illustrates the playwright’s comic genius, with insanity and farce colliding as a professor becomes increasingly frustrated with his hapless student, and the student with his mad teacher.

Transportation to the city center will be available following the performances, with a bus to Tunus Street departing from the FMPA building at 10 p.m. Students taking GE280/251 will receive points for attending a performance.

Tickets are available for general sale at MyBilet. For more information, please call the department at ext. 1775.

Playwright: Eugène Ionesco
Translation: Hasan Anamur
Director: İşıl Kasapoğlu
Cost: Baran Can Eradan, Beste Güven, Melissa Su Taşkran, Barbaros Efe Türkay, Gürkan Kültür, Berkay Şeker
Set Design: Hakan Dünder

Costume Design: İnci Kangal
Lighting Design: Yılmaz Ertekin
Stage Manager: Piril Ertem
Sound: Ahmet Köşə

Numbers in Early Modern Writing: Journal of the Northern Renaissance Publishes New Special Issue

The Journal of the Northern Renaissance, a peer-reviewed open access journal jointly funded by Bilkent, Edinburgh and Oxford universities and edited by Asst. Prof. Patrick Hart (ELIT), has brought out a new special issue, dedicated to “Numbers in Early Modern Writing.” Guest edited by Dr. Katherine Hunt (Queen’s College, Oxford) and Rebecca Tomlin (Birkbeck, University of London), the issue investigates how Renaissance developments in mathematics were presented and represented in written—and especially printed—texts, and how such novel concepts as the cipher, unity and equivalence, fractions and the spatial aspects of written numbers were given significance beyond arithmetic in poetry, on the stage and in prose.

Including papers on such topics as fencing and swordplay manuals, early modern cryptography and the poetry of John Donne and William Shakespeare, the special issue reveals the richness, sophistication and strangeness of early modern numerical culture. You can find the issue at http://www.northernrenaissance.org www.northernrenaissance.org.
OF ENOUGH SHADES

Biology is the science of exceptions, which suits me just fine because I’m a natural—little of this, little of that. Sometimes all my fellow columnists expressed their disappointment regarding this “Fifty Shades of Grey” contraption, I just had to find out exactly what it was and try my damnedest to see some good in it.

I too was disappointed. The book is...well, it’s bad, to be sure, but exceptionally—bad—not one of those showstoppers that make “Codex Seraphianus” look coherent and straightforward. If you’re looking for that kind of book, try Storm Constantine’s “Warthru” series, Marian Engel’s “Bear” (guess who the dashing love interest is—hint: it’s a bear) or, if you’re eager to see humanity at its worst, the infamous “My Immortal”—that last one is among the rare category of Lovecraftian tomes that are dangerous even to read. But “Fifty Shades” is not one of those little gems; it will not even to read. But “Fifty Shades” is just a bad piece of fiction, and these are very common. They have always been very common. Bad fiction is—isn’t it pernicious, as are protagonists who are horrible, horrible human beings. Let’s talk about some.

“The Tale of Genji” is one of the very first novels in history. It was written by one Lady Murasaki, and incidentally features a character also called Murasaki, who is a ten-year-old girl; the protagonist has kidnapped and is raising to be an ideal wife for him. He does this because he is displeased with his previous relationships...not that he has any right to complain, seeing that he has had some tiresome affairs (including one with his stepmother, who is also the reigning emperor’s wife). This propensity for affairs is also present in the rest of Genji’s lineage, and the relationships eventually get so complex and numerous that you’ll need diagrams spanning several generations to chart them all out—of particular note is an incident where Genji, rebuffed by a lady he’s courting, sleeps with her little brother as a replacement. Said little brother is around twelve years old. So that’s your starting point in terrible romance plots in literature, and to be honest, I’ll take both the stalking vampire and the bondage contractor over it.

Classical music is not free of bizarre stories either—while Wagner’s “Der Ring des Nibelungen” is pleasant to the ears (or so I’d like to say, but if I hear another “Weia! Waaah!” I’m going to renounce love and forge a ring out of the Rheingold myself), it also thoroughly butchers Norse mythology by mashing together several unrelated stories and creating a gigantic mess of a plot out of ‘em (this is the reason a full staging of the Ring cycle lasts the better part of a week). But at least it has a saving grace of well-meaning (albeit clueless and needlessly bloodthirsty) protagonists, while the same cannot be said of the most frequently performed musical in history, “The Phantom of the Opera”—I mean, the titular Phantom is nothing if not dangerously unhinged, and the female protagonist, Christine, is equally insane for feeding into his control-freak tendencies. The lyrics to “The Music of the Night” alone are creeperier than anything Mr. Grey can throw at you, especially in light of the fact that it is sung while the Phantom is spiriting Christine away into his evermore opera-dungeon (which really is as dungeon is also filled with death traps, used to great effect when Christine’s lover, who is only slightly less of a madman than the Phantom, shows up to rescue her).

As for fanfiction proper, look no further than the Arthurian cycle. Although the original myths are largely from Welsh sources, we owe most of the stories to the French, who also saw fit to sneak in the ridiculous Lancelot/Guinevere subplot (on a better note, Arthur’s court also got a norewolf knight along the way, based on a lail by Marie de France). And let’s not forget about all the New Testament fanfiction out there: Milton’s “Paradise Lost” is among the foremost, as is Dante’s “Inferno” (which, mind you, also features a self-insert character).

But I suppose I’ve no right to wall on these, on the basis that they are genuinely good—so let me end by saying this: “Fifty Shades” and its ilk are not the first of their kind, nor is it their popularity a sign that humanity has become degenerate or debauched—embarrassing as it is to admit, we have been like this all along. In fact, I don’t think that the fundamental nature of humans can be changed easily, for better or worse: our base nature is just that, base, and it is up to the individual to rise above it. Don’t say that around any night hags, though.

OPINIONS

THE TECHNOLOGICAL TRENDS

As the end of the semester is fast approaching, I’m having daily fights with my to-do lists, with said lists constantly nagging at me and saying, “You don’t have time to sit down and relax.” I usually yell back at them simply not to be outdone, but unfortunately, deep down I feel guilty, thinking that I should work harder, and that I really don’t have time. Then life starts draining out of me, and I end up with no energy or motivation to do anything, swinging back and forth between panic and despair. And I know I’m not the only one, not after one of our professors asked why we were looking so miserable, and the class answered in unison: So much work to do in so little time.

“Times being desperate, I started to wonder: What can I do when I’m overloaded with stress and work? How do I find mental and physical relief in the midst of this busyness? I even assumed the role of an investigative journalist and asked the same questions to a few other people. Although the answers varied, I managed to draw two conclusions about how we act (or should act) in times of extreme stress and busyness, which is almost always.

First things first: if you think you need a stress release, you actually need to stay away from the source of the stress. It’s not an escape, or an act of cowardice, but on the contrary, a crucial step. If your stress is rooted in the phone calls you keep getting, keeping your phone near you all the time will not solve the problem. For me, stress is usually school and work related, and I associate it with my desk and computer. Guess what I do when I try to unwind? Yes, that’s right, I stay well clear of my desk, and turn off my computer. But this is only the first step. Once you identify the source of your stress and run away from it, you need to find something to run toward, which is almost impossible. When it comes to coping mechanisms, there are a few basic things most of us know—the essentials, if you will. Working out, or being physically active, is one of those essentials. A friend of mine loves running and says it helps her release the tension, whereas I usually lock my door and start dancing crazily. Yes, I just revealed a humiliating fact about myself—but it works wonders! If you don’t feel like running, or if you’re too tired for crazy dancing sessions, walking might help clear your mind. You can also try finding comfort in music and books, and turn back to them every time things get rough. Nothing beats the feeling of being under a blanket, sitting with a book you’ve read ever so many times and become friends with, or listening to an album and singing your lungs out—especially when no one is around. Lately, I’ve found another diversion for myself: reading Wodehouse’s brilliant comic fiction and laughing out loud. It’s hard to say no to a man who can write sentences more or less like this: “He had the look of one who had drunk the cup of life and found a dead beetle at the bottom.”

Whether you decide to pick up an instrument, dance or draw isn’t all that significant—the important thing is to slow down and let it all go sometimes. It’s hard to live under constant stress, and the yoke of busyness only gets heavier, unless we learn how to deal with it. Often I find myself thinking that I was born into the wrong century, and wish things were lighter, simpler and slower, but that wouldn’t feel time pressing upon me. Then again, who says it was that much easier before? Gandalf tells Frodo, “All we have to decide is what to do with the time that is given us,” and I agree, wholeheartedly. Once we realize that it is our decision to fill our time with things that matter to us, time becomes slower and life gets less stressful and more meaningful—and that is the best remedy I can offer you right now.

BY MELEK CANŞU PETEK (ELIT/III)
pepetek@bilkent.edu.tr
At the Library Last Week…

As you will remember, last week marked the 51st Library Week in Turkey. Bilkent Library organized a number of activities to celebrate Library Week, including a concert by students from FMPA and participation in the nationwide communal book-reading event.

The aim of Library Week was to draw the attention of society to books and librarians and also to develop community awareness of the habit of reading.

Many Bilkenters, including Bilkent kindergarten students, came to the area in front of the Rectorate Building for the book-reading session during the noon hour on April 1. The day was cool but sunny, and readers of all ages brought everything from novels to monographs to picture books to enjoy in the company of others.

Also taking place at the Library last week, though not as part of the Library Week program, was a lecture by Prof. Orhan Güvenen, “Some Comments on Transdisciplinary Science Methodology.” The talk was given on Thursday, April 2, as one of the Library’s Lunchtime Lectures for this semester.

Speaking to an attentive audience of students and instructors, Prof. Güvenen outlined the need for twenty-first-century scientists to adopt a more integrated and cooperative approach to their research in order to optimize problem solving and reduce error margins and information distortion. He argued that the highly specialized and discipline-focused models of research characteristic of the last century are becoming less valid.

Workshop to Foster Bilkent University-Industry Collaboration in Health Care

On Thursday, April 2, the Bilkent University Technology Transfer Office (Bilkent TTO), in collaboration with the Ankara Chamber of Industry (ASO), held a workshop to promote university-industry collaboration in the healthcare sector.

Bilkent’s rector, Prof. Abdullah Atalar, associate provost Prof. Cevedet Akyani and ASO president Nurettin Özdeber attended the event, along with over 20 Bilkent researchers and representatives of a broad portfolio of ASO member companies and several well-known pharmaceutical and medical device companies.

Representatives of the Ministry of Health, the Ministry of Science, Industry and Technology and TÜBİTAK shared information about the current status of the healthcare sector in Turkey, and funding and collaboration opportunities in this field. During the workshop sessions, 15 Bilkent researchers and 7 industry representatives presented project ideas related to health care. Workshop participants became acquainted with the latest developments in healthcare-related research as well as opportunities for collaboration.

The healthcare workshop was another in the series of events that Bilkent TTO has been organizing in order to foster cooperative ventures involving Bilkent academics and industry stakeholders. Similar events focusing on other sectors will take place in the near future.

Faces on Campus
By Banu Korkmaz (CS/III)

Name: İdil Ergüç (COMD/I)
What’s your favorite triple?
- Movie: “Night on Earth”
- Book: “The Unbearable Lightness of Being” by Kundera
- Song: “Summertime” by Janis Joplin
Can you describe yourself in three words?
“Patient, rigorous, calm”
If you could be anyone from the past, who would that be?
“Charles Sanders Peirce”
If you were a superhero, what super power(s) would you have?
“Teleportation”

Name: İrem Güner (CS/III)
What’s your favorite triple?
- Movie: “Despicable Me”
- Book: “Masumiyet Müzesi” by Orhan Pamuk
- Song: “When I Dream at Night” by Marc Anthony
Can you describe yourself in three words?
“Dramatic, friendly, a seeker”
If you could be anyone from the past, who would that be?
“Nikola Tesla”
If you were a superhero, what super power(s) would you have?
“Amélie”

Name: Bera İçli (EE/IV)
What’s your favorite triple?
- Movie: “Amélie”
- Book: “The Alchemist” by Paulo Coelho
- Song: “Angie” by the Rolling Stones
Can you describe yourself in three words?
“Free all your slaves, including your own mind”
If you could be anyone from the past, who would that be?
“Dramatic, friendly, a seeker”
If you were a superhero, what super power(s) would you have?
“I would love to understand others”

In the near future.

The place on campus where I feel happiest is...
“the campus lawns, especially on the East Campus”
I have never...
“gone to a specific barber”
What would be your last message on earth?
“Free all your slaves, including your own mind”
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Badminton Team Makes First Division

In the national interuniversity second division badminton championship tournament held March 16-19 in Kemер, Antalya, the Bilkent University badminton team placed in the top 5 among the 34 university teams playing in the event. This result earned Bilkent promotion to the first division of the university league.

In the initial group stage of the tournament, Bilkent won against Sinop University and Istanbul Technical University, and moved on to the second round along with Gazi University. In this round, the Bilkent team played well against Bilecik Harran University and Yıldız Technical University, ending up second in the group and qualifying for the playoffs.

In the final match, Bilkent gained a well-earned victory after highly competitive games against Mersin University. These results booked the Bilkent badminton team’s place in the first division next year.

Bilkent Badminton Team Members

Women
Kübra Yediyıldız
Mete Güzem Yavuz
Merve Karaman
Dicle Kızılkan

Men
Barış Özdemir
Hüseyin Reşit Öner Erdem
Hasan Can Soygüt
Ibrahim Seymen
Vâlide Kumtepe
Metin Turgut

Coaches
Mert Aydoğmuş
Nursel Aydoğmuş

Ayya Cup Basketball Tournament This Weekend

This weekend, basketball teams from a number of universities in Ankara will once again meet up on the Bilkent campus to compete in the annual interuniversity Ayya Cup Tournament. This year marks the 11th time the tournament has taken place.

The event features both men’s and women’s divisions, with the coveted Ayya Cup awarded to the winning team in each division. Universities to be represented at the tournament include Başkent, Bilkent, Hacettepe and METU.

As we all know, the support of the crowd can help make the difference between victory and defeat. Let’s all show up at the games this weekend and make a lot of noise to cheer on our Bilkent teams!

Program:
Dates: April 10, 11, 12
Time: To be announced
Place: Main Sports Hall

Sports Ad...Sports Ad...

Sports Ad is an ad column for all Bilkenters who play sports. If you play tennis, squash, badminton, table tennis or any kind of sport needing two or more players and can’t find a partner whose schedule fits yours, then Sports Ad will help you find a sports partner. All you need to do is send an e-mail containing your schedule and contact information to bilnews@bilkent.edu.tr. We look forward to hearing from you.

Bilkent Day Commemorates 100th Anniversary of İhsan Doğramacı’s Birth

(Continued from Page 1) without a doubt, İhsan Doğramacı. He transformed his heartfelt devotion to his country and his love of service to humanity into incredible energy. It is impossible to count the men and women of science he educated, the universities that he personally established, his modernizations of our scientific practices, or his services to health, in Turkey and internationally.

If today, Bahar Haberal, founder of Başkent University and currently a member of Parliament from Zonguldak, was the penultimate speaker on the panel, Prof. Haberal also focused on the theme of Prof. Doğramacı’s contributions to Turkey, particularly in the areas of medicine and higher education:

“This is a story about Turkish education at a time when our country is able to compete with others in organ transplantation, this is thanks not only to those first transplants but also to Laws no. 2238 and 2594, which were passed as the result of our...”

Awards and Celebrations

The panel’s final presentation was given by İzzeer Kutluk, chair of the Turkish National Committee for UNICEF and president of the Union for International Cancer Control. Prof. Kutluk recalled his medical education and training at Hacettepe University and its affiliated medical center, also founded by Prof. Doğramacı, and described the influence of this institution and educational system on the practice of medicine by Turkish physicians today. “The physicians completing their postgraduate education in this extraordinary environment provide healthcare, research and education and produce major accomplishments both at home and abroad. Not only this; they also become national and international leaders and contribute both to health and to their society’s education and peace.”

Following the end of the panel, Prof. Atalar once again addressed the audience, giving a brief presentation on the state of the university. He also announced that Bilkent had a newly designed web page, which was to go online April 3. The Bilkent Day Conference concluded with Prof. Necla Çevik reading a poem that she had written for İhsan Doğramacı.

In the evening, the celebration of Bilkent Day continued with a special commemorative concert by the Bilkent Symphony Orchestra. The performance, conducted by Howard Griffiths, took place at the Bilkent Concert Hall. Soloists were Galchin Onay (piano) and Julian Lupo (trumpet). The program consisted of the “Pavane for a Dead Princess” by Maurice Ravel, the Concerto for Piano and Trumpet by Dmitri Shostakovich, and Symphony No. 4 in E minor by Johannes Brahms.

Andreas Treske Publishes “Video Theory”

A uthor, filmmaker, and media artist Andreas Treske, assistant professor in the Department of Communication and Design, has recently published a new book, “Video Theory: Online Video Aesthetics, or the Afterlife of Video.”

The publisher’s review details the significance of the work, noting that “video is a part of everyday life, comparable to driving a car or taking a shower. It is nearly omnipresent, available on demand.” Because cameras all around us are constantly creating video and “uploading, sharing, linking and relating,” what the reviewer calls “an ocean of video” has come to cover our planet. Although this ocean might look like “bluish noise and dust” from far away, it may in fact “embed objects formerly named video, their forms, behaviours and properties.”

Title: “Afterlife of Video.”

Author: Andreas Treske

Publisher Review: “Video is a part of everyday life, comparable to driving a car or taking a shower. It is nearly omnipresent, available on demand.” Because cameras all around us are constantly creating video and “uploading, sharing, linking and relating,” what the reviewer calls “an ocean of video” has come to cover our planet. Although this ocean might look like “bluish noise and dust” from far away, it may in fact “embed objects formerly named video, their forms, behaviours and properties.”

Mr. Treske is a graduate of the University of Television and Film in Munich, where he also taught film and video postproduction. He is a member of the video vortex network and corresponding member of CILECT, the world association of film schools.
IEEE Weekly Puzzle #37 – Question Mark

What is the next number in the series below?
1, 2, 4, 8, 16, 23, 28, 38, ?

The Prize for This Question: Toshiba 8GB Flash Drive
Send your answer to ieee@bilkent.edu.tr by 5:30 p.m. on April 14, or visit ieee.bilkent.edu.tr/zeka to submit your answer online, and get a chance to win the prize!

This question was prepared by Emrehan Halef, president of the Turkey Intelligence Foundation, for Bilkent IEEE.

WORD SEARCH & SUDOKU

Here are three puzzles: two Sudoku puzzles and a Wordsearch puzzle.
Fill in the Sudoku puzzles so that each column, row and 3x3 grid contains all of the digits from 1 to 9. Submit the contents of the diagonal going from the top left to bottom right of each Sudoku puzzle.

For the Wordsearch puzzle, eliminate all the words listed below the table and submit the rest of the letters, which create a sentence. Send us your answers to get a chance to win a prize. Good luck!

Last week’s answers: Sudoku 1: 381 854 947 Sudoku 2: 918 851 519

Word Search: “You see, but you do not observe. The distinction is clear.” Sherlock Holmes

Send in your e-mail with the right answer to puzzle@bilkent.edu.tr and get a chance to win!

Prizes will be: dessert and coffee from Mozart Cafe (one each for three winners); coffee from Coffee Break (two each for two winners); hot chocolate from Cafe Fiero (one each for five winners); and chocolates from Bind Chocolate (two winners).

WORD SEARCH

ELEPHANT MAN
ERASERHEAD
HOTEL ROOM
INLAND EMPIRE
MULHOLLAND DR.
ON THE AIR
BARBIE'S
THE ALPHABET
TWIN PEAKS
WILD AT HEART

WORD SEARCH

SUDOKU 1

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SUDOKU 2

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BİLKENT NEWS

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Bilkent News (ext. 1487) welcomes feedback from readers. Please submit your letters to bilnews@bilkent.edu.tr. The Editorial Board will review the letters and print them on space permits.

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**Exhibitions**

**Tuesday, April 7**

Information Session for Students Interested in Graduate Study (MA/PhD) in Archaeology, in Turkey and Abroad (USA, UK, Germany, etc.), at FEASS, H-123, 5:40 p.m. Organized by IAMT.

**Tuesday, April 7**


**Films**

**Saturday, April 11**

“Universiteçerarlar Kisı Film Gösterimi,” at FADA, FFB-22, 1 p.m. Organized by Sanatsal Etkinlikler Topluluğu. Applications: setbilkent@bilkent.edu.tr

**Concerts**

**Friday, April 10**

“Baroque Arias”

32nd International Ankara Music Festival

Bilkent Concert Hall, 8 p.m.

Maurice Steger, conductor and recorder

Tünde Szaboki, soprano

Judit Rajk, mezzo-soprano

L. Vincen, Overture to “Illossa”

G. F. Handel, “Aria”

Cesare’s aria, “Dall’ondoso periglio... Aure, deh, per pieta”

Cleopatra’s aria, “Piangero la sorte mia”

Duet of Cleopatra and Cesare, “Curse beltai voi amabile belle”

A. Vivaldi, Aria from “Ombra de la notte”

G. F. Handel, Aria from “Richard the First” HWV 23, “Il colo suo falso”

G. B. Pergolesi, Stabat Mater

**Workshops**

**Saturday, April 25**

“1st Turkish Workshop on Experimental and Behavioral Economics,” at FEASS, A-130, 9 a.m.– 5:30 p.m. Organized by ECON.