Airplane talks to airplane

A SMALL FISH TALE

Professor Jay Scheib turns a Chekhov fragment into a multimedia of fish and mammals.

MIT and Harvard have announced a joint project to decipher the genetic findings freely available to scientists worldwide. The team plans to make the Sox team’s management.

A SMALL FISH TALE

The pufferfish genome has quite a bit can be gleaned.

A SMALL FISH TALE

Sox team’s management.

COLUMBIA GROUP TAKES OFF

A multidisciplinary collection of researchers looks at safety systems in the Columbia Space Shuttle to see what can be gleaned.

DOWNTHEGENES

Novartis and the Broad Institute of MIT and Harvard have announced a project to decipher the genetic causes of type 2 diabetes, which affects more than 170 million people worldwide. The team plans to make the findings freely available to scientists internationally.

ARTS

FRAGMENT COMES TO LIFE

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BLOG REPORT

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MANAGING THE SOX

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Brain and cognitive sciences project on the rise on Vassar

Students returned to MIT this fall to discover that yet another major addition to the campus is taking shape. Following the opening of the Zesiger Sports and Fitness Center, Simmons Hall, and most recently the Frank Gehry-designed Stata Center, the new facilities for the brain and cognitive sciences are rising on Vassar Street. Framing and exterior cladding are close to completion, and the complex is scheduled for occupancy in fall 2005.

This project, with a floor area of 411,000 square feet, will house three major entities: the McGovern Institute for Brain Research, the Picower Center for Learning and Memory, and the Department of Brain and Cognitive Sciences at MIT.

The site, facing Vassar Street and Stata on one side, and stretching across the GBMM railroad tracks to face Main Street and Technology Square on the other, posed fundamental problems: how to meet both a set of exceptional urban design challenges and the complex program for the research laboratories and imaging facilities needed for research in this area.

Commenting on the project, MIT President Charles M. Vest said, “The facilities reflect the benefits of a special partnership: the extraordinary urban design sensibilities of the lead designer, Indian architect Charles Correa, who has created limestone and glass forms of immense power and elegance, and the extensive experience of Goody Clancy and Associates in designing academic buildings and laboratories noted for their effectiveness and efficiency. Their combined efforts will constitute one of the finest facilities in the world measured on any dimension.”

The combination of this project with the Stata Center across the street and the remaining of Vassar Street itself, with new trees, lighting, bicycle lanes, and paving creates a new vitality in what had, for decades, been a grim and rundown area of Cambridge.

Architect Goody, Clancy & Associates and Charles Correa Associates Architects
MIF Engineers: BR&A Consulting Engineers, Inc.
Structural Engineers: LeMessurier Consultants
Construction Manager: Turner Construction Co.

The brain and cognitive sciences project on Vassar Street will house the McGovern Institute for Brain Research, the Picower Center for Learning and Memory, and the Department of Brain and Cognitive Sciences at MIT.

Online system makes it simpler to track degree requirements

The Registrar’s Office, in collaboration with Student Services Information Technology, recently implemented an online degree tracking system and a redesigned registration form for students, faculty and academic administrators.

The new online degree system connects students, academic departments and the Registrar’s Office, facilitating the submission of degree applications, review of degree requirements and approval of degree candidacy. With the new system, students can submit their applications online at WebSIS and provide information critical to the approval of degrees, the production of diplomas and the publication of the commencement book. They can update their information and check on the progress of their applications. Academic departments can use the system to track students’ degree requirements, produce reports and communicate with students and the Registrar’s Office.

The new registration form provides more pertinent information in a clearer format. New features of the form that support the advising process are a smaller, more manageable size, display of student pictures and messaging capabilities. Both initiatives provide the academic community with evidence that can capture qualitative relationships and complex cultural dynamics. “Part of the change, invited a few colleagues to meet, and the group was born.”

One of the reasons I came to MIT was because of ESD and the opportunity to work with people in multiple disciplines,” said Leveson. “This is one of the few universities in the world that houses a structure for promoting this kind of interdisciplinary work. ESD gets us talking so we know where the diverse interests are interested in, and then people form these natural group interactions.”

Professor Nancy Leveson of aeronautics and astronautics and engineering systems, who is a member of the NASA Aerospace Safety Advisory Panel, convened this working group by calling on a colleague she’d met through ESD gatherings. She and Joel Coucher-Gershfeld, a senior research scientist at the Sloan School who is executive director of the Engineering Systems Learning Center and an expert in large-scale systems change, invited a few colleagues to meet and the group was born.

“Coming from a very technical background, I had a tendency to believe that technical problems have technical solutions. Dulac said, ‘If you don’t have the experience at MIT and with the Columbia Group helped me realize that soft problems are often more difficult to address than hard ones. What I like the most about MIT is the shared belief that a multidisciplinary systems approach is necessary to build and operate complex systems.”

Columbia Group dives into safety issues in aeronautics and other systems

The Columbia Group, a multidisciplinary collection of faculty, research staff, and graduate students based in the Engineering Systems Division (ESD) symposium paper, which has become a regular download from the Internet. These early works illustrate ESD’s commitment to interdisciplinary collaborations.

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Professor John Carroll of Sloan and ESD, a social psychologist, joined the Columbia Group, as did Betty Barrett, an organizational behavior expert in the Center for Technology, Policy and Industrial Development who is associate director of the Engineering Systems Learning Center. Several of Leveson’s graduate students also are members of the group.

Building robust interdisciplinary models

"In the first year, we started writing papers about the Columbia accident, general safety culture, and culture from multiple viewpoints," Leveson said. "This year, we are looking at how to model and engineer safety culture so we prevent accidents."

The Columbia Group’s challenge is to develop a robust model that will balance the need for quantifiable evidence with the need for capturing qualitative relationships and complex cultural dynamics. "Part of that involves developing sophisticated, rigorous, technical models that are understandable to the engineer community, but that are also rigorous and bring the organizational and institutional dynamics," said Coucher-Gershfeld. "Our models won’t be exact mathematical and engineering technical models, but they will be mathematically based, technically rigorous, repeatable, and applicable in other settings."

Leveson says her participating engineering students have broadened their research focus and begun taking management and social science classes. "This group was a tremendously important influence on my students and on their dissertations, which now have faculty from multiple schools. What they are doing uses a more interdisciplinary way of attacking problems."

Aeronautics and astronautics Ph.D. student Nicolas Dulac will apply what he learned in the group to his research on the safety architecture of the new NASA Mars-Lunar space exploration system. "Coming from a very technical background, I had a tendency to believe that technical problems have technical solutions. Dulac said, “If you don’t have the experience at MIT and with the Columbia Group helped me realize that soft problems are often more difficult to address than hard ones. What I like the most about MIT is the shared belief that a multidisciplinary systems approach is necessary to build and operate complex systems.”
When a little white kitten with a big head, a bow on her ear and a blank space instead of a mouth drops a billion dollars on the web at the end of the line, it’s not just something the cat dragged in—it’s a business phenomenon. And when that kitten celebrates 30 years of dominating the global character-goods market, it’s time to talk about that kitty’s “business in time.”


Belson’s presentation described the shift in the focus of the American news media in the past decade and a half, with the growing importance of blogs, the global reach of Hello Kitty products, as well as the personality and business acumen of Shintaro Tsuji, Hello Kitty’s creator. Belson showed slides depicting Hello Kitty’s role in her parent company—she brings in 50 percent of its profits—and her evolution as an icon of graphic design and cute in Japan.

The dark secret of the character-goods business is, nobody knows who will succeed Hello Kitty. A Japanese cartoonist who has been successful in Japan is not necessarily a counterpart for a U.S. audience. “Hello Kitty has maintained its success because of the core audience of young girls,” Belson said.

Hello Kitty robot, the Hello Kitty beaujolais, the Hello Kitty debit card and licensing Hello Kitty stress test. (To take the stress test, visit sanriotown.com on the web.) Hello Kitty herself hasn’t changed much, and Sanrio has kept her life story intact. She was born on London Nov. 1, 1974. Her last name is White. She weighs 0.85 pounds, has a head, a bow on her ear and a blank space instead of a mouth drops a billion dollars into the kitty business every year.

In the months and years following 9/11, balancing national security with personal freedom has been a challenge, a group of public policy experts told a rapt audience in Wong Auditorium during the 11th annual Catherine Stratton Lecture Oct. 26.

Lawrence Bacow, president of Tufts University and former chairman of MIT, moderated the panel discussion along with the top stories the U.S. government has had to tighten security since 9/11 and the resistance to those steps from civil liberties advocates. Bacow is an economist and lawyer recognized internationally for his expertise in dispute resolution.

Panelists were Juliette Kayyem, a senior fellow at the Kennedy School of Government at Harvard University; Andrew McCarthy, an attorney and senior fellow at the Foundation for the Defense of Democracies; and Robert O’Neill, a law professor and founding director of The Thomas Jefferson Center for the Protection of Free Expression at the University of Virginia.

Since 9/11 and the Anthrax attack in late 2001, there has been a notable focus on limiting civil liberties and other concerns of critics. Bacow is an economist and lawyer recognized internationally for his expertise in dispute resolution.

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MIT Tech Talk

We’re thinking of adding a new course to our curriculum this spring:

**Take me out to the boardroom...**

**Richard Schmalensee**
Sloan School of Management

The MIT dome wore its own festive attire for the Red Sox World Series celebration parade Oct. 30. As the sun rose over the dome Oct. 29, two days after the Sox clinched the victory in Game Four, it revealed that the dome had been transformed into a baseball bearing a Red Sox logo. The fabric logo remained until after the parade, when Facilities workers took it down. The Facilities workers in the photo claimed innocence.

**Science shows why fans don’t have to ‘wait until next year’**

The Friday after the Red Sox clinched the World Series by beating the St. Louis Cardinals in a four-game sweep, the MIT dome was mysteriously transformed into a baseball with red stitching and a Red Sox logo.

That same day, Oct. 29, one Ben Bitdiddle circulated a tongue-in-cheek scientific paper via the Internet providing a mathematical explanation for the Red Sox victory, which marked the end of the Curse of the Bambino. The paper “1918-2004: A mathematical proof follows.”

Writing under the pseudonym of Herman Ruth, a.k.a. ‘Babe Ruth,’ a.k.a. Series, in 1918. In 1920 they sold George Mathewson, the Bambino, which has prevented Red Sox domination and Yankee demise.

The Red Sox paid more attention to hitters’ on base percentages than their batting averages. Similarly, even if a pitcher’s actual win-loss record wasn’t too great, the team’s interest might be piqued by data showing that he got batters to hit a lot of ground balls.

The Red Sox combined the resources of a high-profile player with the statistical smarts to do so intelligently. The team also made a series of lower profile, but clever moves to fill out its roster with affordable talent who became essential role players. But all this number-crunching and signings would have mattered little unless all the parts meshed into an effective machine. And that involves not only leadership at the top, but commitment and dedication across and among all levels of the organization.

Red Sox Manager Terry Francona was dubbed “a players’ manager.”

Tonegawa learned to love the sport.

Continued from Page 1

**SOX**

**Richard Schmalensee**
Sloan School of Management

Though he’s not taking full credit for the Red Sox championship, Togewaga, who is the Whitehead Professor of Biology and Neuroscience and director of the Picower Center for Learning and Memory, hopes the ceremonial first pitch he threw May 7 at Fenway had some effect.

"As is such with phenomenon of the paranormal, one can clearly see that this cross-checking analysis is indispensible proof that the 86-18 hybrid cancellation theorem holds. Got Sox."

**MIT had its own baseball “cap” for a short time.**
Broad, Novartis announce type 2 diabetes initiative

Novartis and the Broad Institute of MIT and Harvard have announced a joint project to decipher the genetic causes of type 2 diabetes. The team plans to make its findings freely available to scientists worldwide.

Called the Broad-Novartis Diabetes Initiative, this new model for public-private collaboration will put the future of the broadest diabetes database into the hands of the Internet. The initiative builds upon the work of researchers who created the first comprehensive catalog of diabetes-related data and its genetic causes.

The collaboration reflects the mission of the Broad Institute to pull together a community of researchers to tackle complex problems that require multidisciplinary teams and that are difficult to solve in the traditional laboratory setting, said Broad founding director Eric Lander, a professor in MIT’s Department of Biology.

It is important that Novartis is sharing its vision and expertise in how diabetes alters the body, diabetes therapy and drug discovery, and, as a private company, is willing to work in the public domain, Lander said.

This opens our new global research headquarters in Cambridge, Mass., in part to forge these kind of world-class alliances, according to Mark Fishman, president of Novartis’ research division.

Type 2 diabetes is one of the world’s most significant health problems. It affects more than 150 million people worldwide. That number is expected to reach 300 million by 2025.

There is a clear underlying genetic propensity to developing type 2 diabetes. The initiative establishes an ongoing research partnership of physicians, geneticists, and others to identify the inherited risk factors for the disease. Identification of these genetic factors will improve scientists' understanding of how genetics contribute to type 2 diabetes and its complications, as well as insights into its treatments and prevention, and perhaps contribute to new medicines tailored to patients.

Broad-Novartis Initiative researchers will study thousands of DNA samples, collected by Professor Leif Groop and colleagues at Lund University. The Lund team will partner in the design and analysis of the research program.

The initiative creates a terrific team to tackle type 2 diabetes, which is growing to become one of the most pressing public health problems in the industrialized world, said principal investigator David Ahlskuler, a professor at Harvard Medical School and Massachusetts General Hospital, and director of the Broad’s Program in Medical and Population Genetics.

Small fish yields big insights

A paper published in the American Institute of Aeronautics and Astronautics (AIAA) in August discussed the results of the flight test in more detail.

Airplane

Continued from Page 1

applications in the coordination of multiple air and space vehicles, such as in air traffic control or the reconfiguration of distributed autonomous systems.

The guidance system performed flawlessly in flight tests involving a Boeing F-15 fighter jet and a Lockheed T-33 trainer fighter jet at Edwards Air Force Base in June. A pilot in the F-15 issued mission-level commands in everyday tasks that are currently working toward implementing their guidance technology in systems with multiple air vehicles. The work is being done in MIT’s Laboratory for Information and Decision Systems.

Halloween

Continued from Page 1

Fisher and Pisani share more than Red Sox fandom, they said. Both had volunteered to help the Community Giving campaign in the past, and they hope to inspire people to “give what they can this year,” Fisher said.

Meg Westland, administrative and facilities coordinator in the Center for Educational Computing Initiatives, was also assigned to greet commuters at 77 Massachusetts Ave. Her disguise: a black nylon Death Eater-type gown with a fiery red hood and long sleeves. “We at MIT are so lucky to be working for such a great institution. Yet we are surrounded by neighborhoods where there is real poverty, and we can make a difference in peoples’ lives,” Westland said.

Other volunteers shared the same message about giving but diverged a bit from the costume focus on baseball. Joan Nelson, an administrative assistant in Facilities, wore a Green Bay Packer Brett Favre football jersey topped with a foam cheesehead, a souvenir from her recent trip to Wisconsin. Melissa Kavlik, an administrative assistant in the Office of Environment, Health and Safety, modeled a black cat mask, thanks to her love of cats. Marie Risse, an administrative assistant in the School of Engineering, wore a fortune-teller ensemble.

Both Nelson and Kavlakli were posted at 77 Massachusetts Ave. “This is a great way to combine something fun with something serious,” Nelson said about spending the morning handing out candy to MIT colleagues.

Lynda Nelson, administrative assistant to the Control ler, borrowed her son’s costume, a large pink “whoop ee cup,’ to cheer commuters as she gave out candy in front of the Stata Center. “Hopefully, during the time between November and January when it is time to make pledges, maybe a few individuals will remember our amusing efforts and support the Community Giving Campaign,” Lynda Nelson said.

There was one traditional witch—Linda Patton, assistant director of Off-Campus Housing and special projects, who was assigned to greet people at the entrance to MIT Medical. Patton’s message is the community hosted that of her fellow volunteers.

“Share, share, share! Our economy is down. Many people are affected and sharing even a small amount can make a huge difference in someone’s life. The money you spend for your cup of coffee each morning can be shared to help the community and others,” Patton said.

AIRPLANE

Continued from Page 1

ed into the next generation of unmanned vehicles,” said John Bay, DARPA's SEC program manager.

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“Through the recent experiments, the SEC program has demonstrated advanced behaviors that may now be integrat
John Tirman named next executive director of CIS

Amy Terr
Center for International Studies

John Tirman, a political scientist who has written widely on foreign policy, politics and human rights, has been named executive director of the MIT Center for International Studies (CIS).

Mr. Tirman comes to MIT after acting as program director of the Washington, D.C., office of the Social Science Research Council. He previously served as executive director of the Watson Foundation where he was a leading figure in work to prevent nuclear war and promote non-violent resolution of conflict.

We are delighted to welcome John to CIS and look forward to benefiting from his enormous energy and creativity," said Richard J. Samuels, CIS' director. "John is an accomplished political scientist, director of the Human Rights Program at the Watson Foundation and a widely respected scholar from around the world and 160 faculty and staff members drawn mainly from the departments of political science and urban studies and planning.

Fleischer of DUSP dies at age 85

Professor Aaron Fleischer, a pioneer in the use of computers in urban planning, died on Aug. 12 at age 85 following a brief illness. His wife and their children were with him at the time of his death.

Professor Fleischer, a professor emeritus in the Department of Urban Studies and Planning, was known for his cornerstone contributions to the development of computer models to explain, predict and simulate urban areas.

He was born in Brooklyn, N.Y., in 1919. He graduated Phi Beta Kappa with a B.A. from New York University in 1940. He attended Colum-

bria University from 1939 to 1942, interned at MIT and studied to serve in the U.S. Air Force from 1943 to 1946. He earned the S.M. degree from MIT in 1947, followed by the Sc.D. in 1950, also at MIT.

Upon graduation, he joined MIT's Department of Urban Science as a researcher. He later began teaching in the Department of Urban Studies and Planning and, he received tenure in 1964. Professor Fleischer retired in 1984 and remained in the department as a professor emeritus until his death.

Professor Fleischer, who lived in Brookline, was survived by his wife of 42 years, Polly Doyle, and by their children, Ann, Jacob and his wife Lauren, Jonathan and his wife, Anne Alice and John. He is also survived by many nieces and nephews.

Gravemakers services were private. Contributions in his memory may be sent to the Leland Cemetery Association, c/o Mary L. Bennoch, treasurer, Box 2, Salisbury Cove, ME 04572, or to the Jesup Memorial Library, c/o Nancy Howland, 34 Mt. Desert St., Bar Harbor, ME 04609.

Charles Schwartz, PSFC engineer, dies in plane crash

Charles R. Schwartz, an engineer at MIT's Plasma Science and Fusion Center (PSFC) and an accomplished pilot, died Oct. 16 when his small plane crashed into a building in Leominster, Mass. on a Tuesday night.

He was test- flying a homebuilt airplane registered to a Shrewsbury man when it crashed into a building on a Tuesday night.

Charles R. Schwartz, the chief radiation engineer for the Alcator C-Mod tokamak fusion project at the PSFC, will be managed a group of engineers, technicans and physicists.

"Charley was an excellent engineer and a great asset to the C-Mall project. A unique person who elevated the performance of all those who worked with him," said Dave Terry, chief electrical engineer and Mr. Schwartz's supervisor.

"He had the unusual ability to teach not only the staff, but also the students about RF systems and safety practices. His broad knowledge and experience made him a foundation for the successful multipe- watt RF heating and current drive program at Alcator C-Mod," said Steve Wukitch, a research scientist and RF physicist.

"Mr. Schwartz worked at DuPont Pharmaceutical Co. in Wilmington, Del. from 1975 until his death at MIT from 2002 until his death.

He was born Oct. 16, 1954 in Indianapolis, Ind., and studied electronics at the U.S. Army Intelligence School and the Capitol Radio Engineering Institute and Lowell Technical Institute, and managed technical North- eastern University. Mr. Schwartz was a flight instructor, a member of the experimental aircraft association, American Radio Relay League, and an avid ham radio operator.

He lived in Shirley, Mass., with his wife Lorraine (Tolly). Other survivors include his father and stepmother, Theodore and Soledad Schwartz of Lansdale, Penn.; his half-brother John Dininny of Valdese, N.C.; a stepbrother, Ke- ley Sitter of Lee, Maine; and his parents-in-law, William and Alber- ta Toth of Boston.

A funeral was held Tuesday, Nov. 2. Burial was at the Shir- ley Center Cemetery. Memorial contributions may be made to the Fitzhugh Pilots Association Scholarship Fund, c/o Fitzhugh Municipal Airport, 527 Crawford St., Fitzhugh, MA 01420.

FLEISCHER OF DUSP DIES AT AGE 85

Professor Aaron Fleischer

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Professor Aaron Fleischer
Chekhov’s ‘Platonov’ premieres at MIT

A new Chekhov work based on a fragment of what is believed to be the writer’s unfinished, first full-length play will have its world premiere at MIT before heading to the Big Apple for the “Chekhov Now Festival.”

“In This is the End of Sleeping,” will have its MIT run Nov. 3-6 in La Sala de Puerto Rico at 8 p.m. with a cast of MIT and New York actors. Performances are free.

The play was adapted by Assistant Professor Jay Scheib of the Music and Theater Arts section. Scheib will direct the play as a highly physical, multimedia drama of bankrupt desire. It is based on a fragment discovered posthumously without a title page in a safe deposit box. Known now as “Platonov” or “the Play Without a Name” or “Fatherlessness,” the play celebrates what Scheib calls Chekhov’s “flight into naturalism.”

The early works of major writers attract me because they lack restraint in their daring endeavor to possess life,” said Scheib, who calls the work “a masterpiece of unruliness and one of the great mysteries of Russian literature.” Scheib’s production of the play draws inspiration from the cinema verité and Russian filmmakers like Tar- kovsky, “with a nod to crude reality television technology,” he said.

In a statement about the play, Scheib calls it a “comic romance about loving each other and selling each other out.”

Scheib was recently awarded the Presidential Certifi- cate from Harvard University for his production of Alfred de Musset’s “Lorenzaccio.” He also was awarded a travel fellowship from the International Theatre Institute and the Theatre Communications Group to develop a performance with Pont Mubel Theatre in Budapest of Tolstoy’s “Power of Darkness,” a play developed at MIT with students last spring.

“In This is the End of Sleeping,” will be performed in the Chekhov Now Festival at the Connelly Theatre in New York (200 East 4th St.) Nov. 12-13 at 8 p.m., Nov. 14 at 2 p.m., Nov. 15-16 at 8 p.m. and Nov. 20 at 5 p.m. Tickets cost $15. Call (212) 352-3101 for more information.

Cast members from “In This is the End of Sleeping” include Emily Knapp as Sasha (left) and Joan Jubitet as Anna.

Documentary on ‘Pledge of Allegiance’ case to be screened

Taking the Pledge

Filmmaker Lisa Seidenberg will present her “Pledge of Allegiance Blues” (2004) as part of the Chicks Dig Jazz film series on Tuesday, Nov. 9 at 7 p.m. in Room 124 at the Stata Center.

A discussion will follow the screening of the feature-length document- ary that follows the story of Michael Newdow, a California physician who brought the landmark “under God” lawsuit to the United States Supreme Court in June 2004. Newdow, an avowed atheist, lost his bid to have the two words removed from the Pledge of Allegiance. The film also features the controversy over the Ten Commandments monument at the Alabama State Courthouse and the intertwining of reli- gion and government in American identity history. Personalities in the film include attorney Alan Dershow- itz, publisher Larry Flynt and radio talk-show host Sandy Rios.

The event is co-sponsored by the Program in Women’s Studies with the Program in Women’s Independent Living Group, and McCormick Hall.

Kuss Quartet performs in Kresge

The Kuss Quartet, whose performance was called “achingly beautiful” by Wilma Salisbury of the Cleveland Plain Dealer, will perform in Kresge Auditorium at 8 p.m. Friday, Nov. 5.

They negotiated complex contra- puntal textures, eased into numerous tempo changes and produced ghost- ly colors, expressive sobs and long arching melodies,” wrote Salisbury.

Quartet members Jana Kuss (vio- lin), Oliver Wille (violin), William Coleman (viola) and Felix Nickel (cello) met while studying at the Hanns Eisler Academy of Music in Berlin in 1991. Two years later, the ensemble made its official debut in a palace concert for Germany’s former president Richard von Weizäcker. By 2002, the quartet had won first prize at the Borcianni International String Quartet Competition and had been selected by the European Con- cert Halls Organization as the Ger- man participant in the 2003/2004 Ris- ing Stars Program.

The performance will include Beethoven’s “Grosse Fuge,” Haydn’s Quartet in C Major, and Bartók’s Quartet No. 8.
**MIT EVENT HIGHLIGHTS**

**NOVEMBER 3**

**Wednesday November 3**

- **Hybrid Cars, Fuel Cell Cars Later**, Talk by Professor John Doucht, 12:45pm-1:45pm, Kresge Auditorium.
- **Under the Skin of the City**, 2001 Iranian film, 9pm, Room 3-133.
- **Alcohol abuse Don Truillo**, dean for community development and substance abuse programs, discusses MIT's plan for educating students on this issue, 6:30pm, Bush Room. Room 3-2590.
- **Tech Model Railroad Club Meeting**
  - Design layouts and run model trains, 7-10pm, Room NI2-118. 253-3269.

**THURSDAY November 4**

- **MIT Chapel Concert Vocal and Instrumental German music from 1450-1650 directed by Sheila Beaudreau. Noon, Chapel. 253-9805.**
- **Libraries Book Sale**
  - Proceeds benefit the Libraries' Preservation Fund. 2-4pm, Nov. 5, 1-3pm, Bush Room. 253-5693.
- **Bookwagon Soup Kitchen**
  - Learn how to photograph foods and other items into attractive albums. Bring $5, and up to 8 photos. Pre-registration required. Noon-2pm, 253-2143.
- **PoetryMil at August Kleinzahler Post and Poem-a-Day**
  - Room 4-231, 253-7894.
- **List Film Night**
  - Weekly show, 5pm. MIT Museum.
- **Kuss Quartet**
  - Concert featuring Kuss Quartet in B-flat Major "Grosse Fuge". Haydn's Quartet in C major, Bartok's Quartet No. 6. 8pm. Kresge Auditorium.
- **Interactive Robotics for Neurological Rehabilitation**
  - Neville Hogan, PhD., MIT, speaks as part of the Brain Sciences Colloquium. 4pm. E25-117.
- **Weekly Anime Screening**
  - "Japanese animation, 7pm. Room 6-120.
- **Vignettes**
  - Color photo behind the scenes at Brad Indocitt. (B.B.) 1949, Winner Student Art Gallery. 253-4005.

**FRIDAY November 5**

- **"Telling It Like It Is: Student Activism at MIT During the Vietnam War"**
  - Display of 16 posters from the campus-wide protests of the 1970s. MIT Museum. 10am-5pm. 253-4444.
- **Beyond the Music**
  - Rally with music and poetry. Noon-1:30pm. Student Center steps.
- **Interactive Robotics for Neurological Rehabilitation**
  - Neville Hogan, PhD., MIT, speaks as part of the Brain Sciences Colloquium. 4pm. E25-117.
- **Weekly Anime Screening**
  - "Japanese animation, 7pm. Room 6-120.
- **Vignettes**
  - Color photo behind the scenes at Brad Indocitt. (B.B.) 1949, Winner Student Art Gallery. 253-4005.

**SATURDAY November 6**

- **Yael Bartana: Three Balls on the Israeli artist Yael Bartana's three short films not previously shown in the U.S. Noon-6pm. List Visual Art Center. 253-4860.**
- **Varisty Football Game**
- **Night of 1,000 Dinners**
  - Fund-raising dinner for demining in the Western Hemisphere. $10 (includes meal). 6pm. Straton Student Center.
- **Zatoichi**
  - "The Taming of the Shogun". Shakespeare Ensemble. $8, $6 MIT/Wellesley students. 8pm. Kresge Little Theater. 253-2933.

**SUNDAY November 7**

- **"Body Partic: A Ball Anwenched by John Coplans"**
- **Achornam: The Legend of Ron Burgundy**
  - LSC. 7pm. 26-100. 253-3791.
- **International Folk Dancing**
  - (participatory) 8pm. Lobolli Dining Hall. 253-FOULK.
- **List Film Night**
  - Weekly show, 5pm. MIT Museum.
- **Kuss Quartet**
  - Concert featuring Kuss Quartet in B-flat Major "Grosse Fuge". Haydn's Quartet in C major, Bartok's Quartet No. 6. 8pm. Kresge Auditorium.
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- **Vignettes**
  - Color photo behind the scenes at Brad Indocitt. (B.B.) 1949, Winner Student Art Gallery. 253-4005.

- **Back to Bach**
  - The Concordia Consort, an ensemble of recorders and voice, will present a concert of German music from 1450-1650 on Thursday, Nov. 4 at noon in the MIT Chapel.