Wi-Fi Changes Coming This Summer

LOUISE BURROUGHS
OFFICE OF INFORMATION TECHNOLOGY

To improve Georgia Tech’s Wi-Fi services, the Office of Information Technology (OIT) is making changes to eduroam, GTwifi, and GTvisitor. The changes include moving to eduroam as the default wireless network, retiring GTwifi, and offering a free access option for those with basic wireless needs.

Eduroam to Replace GTwifi

In August, GTwifi will be replaced by eduroam, which has been in use at Georgia Tech since late 2016 as a pilot for early adopters. Campuswide migration efforts began in spring.

“Using eduroam on campus gives you the same great network experience you are used to having with GTwifi, with the additional benefit of seamless access to eduroam networks across town, the state, the country, and the world,” said Matt Sanders, director of Research Operations in the Institute for People and Technology (IPaT) and Georgia Tech wireless services manager.

Using eduroam allows Georgia Tech researchers and faculty to use Tech’s Wi-Fi service whether visiting an eduroam member institute locally, regionally, nationally, or internationally. In addition, the service enables members from other schools to log in to their

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TUCKED ABOVE BRITTAIN

You may have noticed the center tower on Brittain Dining Hall and wondered what’s inside. It’s a space that was once home to the dining hall’s supervisor in the early days of campus life. Learn more in the latest installment of Hidden Georgia Tech on page 4.

New Leadership in Campus Services

JulieAnne Williamson, assistant vice president for Administration and Finance, is serving as the department’s interim vice president following the retirement of Paul Strouts.

c.gatech.edu/interim-lead

A Dean’s Valedictory

As Paul Goldbart, dean of the College of Sciences and Betsy Middleton and John Clark Sutherland Chair, prepares to depart Georgia Tech, he talks about the breakthrough discoveries he’s experienced here and the growth of science on campus. Listen at:
c.gatech.edu/goldbart-goodbye

Crafting a Passion: From Research Engineer to Brewer and Entrepreneur

STACY BRAUKMAN
INSTITUTE COMMUNICATIONS

The sun is blaring on Georgia Avenue, though it is not even noon. In the shadow of the former Atlanta-Fulton County Stadium, Centennial Olympic Stadium, and Turner Field, in a long-neglected slice of the city, the noisy bustle of construction is everywhere.

Among the buildings now being renovated or newly constructed in the Summerhill neighborhood is the site of what may well become the first new business to open here in years — Halfway Crooks Beer. Inside this particular midcentury brick building, the gravel crunches beneath our feet as Shawn Bainbridge, one of the brewery’s co-founders, shows us around. It is humid and stuffy inside. There are mosquitos. But

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ARTS AND CULTURE

June 28
The Storytelling for Inclusive Excellence workshop will coach participants on how to create short personal narratives about their lives, identities, growth, and journeys. The workshop will take place from 9 a.m. to 11:30 a.m. in Room 301, Student Center. A second session will be offered from 2 to 4:30 p.m. in the same location. Other dates and times being offered include:
- Wednesday, July 11, 9 to 11:30 a.m. and 2 to 4:30 p.m.
- Room 332, Student Center
- Monday, July 16, 9 to 11:30 a.m. and 2 to 4:30 p.m.
- Crescent Room, Student Center Commons

July 6
A showing of The Greatest Showman will take place at 8 p.m. at the Roe Stamps Recreational Fields.

July 20
A showing of Black Panther will take place at 8 p.m. at Bobby Dodd Stadium.

HEALTH AND WELLNESS

July 12
Human Resources hosts a Be Well Monday, July 16, 9 a.m. to 11 a.m. in Room 202, Scheller College of Business.

WORKSHOPS AND TRAINING

June 28
Workplace Learning and Professional Development hosts a session on the POWER of Writing from 8:30 a.m. to 12:30 p.m. at Home2 Suites by Hilton.

MISCELLANEOUS

June 26
The Coda Open House will provide community members an opportunity to learn more about the Coda building from 10 to 11:30 a.m. at the Advanced Planning Studio, 760 Spring Street.

How We Adopt (or Reject) Cybersecurity Measures

DAVID MITCHELL
COLLEGE OF COMPUTING

Consider, for a moment, your last interaction with cybersecurity measures on one of your many devices. Perhaps, when you recently transitioned all of your banking to a mobile application, you were offered the opportunity to set your security as a two-factor login to better protect your data.

That was the recommended approach — or at least that’s what the programmed instructions told you — but you still decided against it. After all, you have a hard enough time just remembering one of your long list of passwords, and any extra step that might lock out unwanted invasions very well could lock you out, too.

And yet, with each passing day, larger and larger pieces of our lives are being stored on computers, on phones, and in the digital cloud that allows us access, but which poses significant challenges to security.

The stakes are high and only getting higher, and School of Interactive Computing Assistant Professor Sauvik Das says it is time to change the way people think about, adopt, and adapt to cybersecurity measures.

“Our money, our work, our media is already protected by cybersecurity and if there’s a breach, all of that stuff is compromised,” Das said. “But think about where we’re going in the future. We’re going to have these embedded smart things that are controlling access to our front doors, controlling our cars, and, in some cases, there are going to be medically implantable devices that could potentially control our bodies.

“It’s more important than ever that we get security to where it’s not a thing people begrudgingly tolerate, but actively want to do. Right now, we almost don’t even consider the social aspects in cybersecurity, and my work is trying to change that.”

Das wants to understand in what ways and why people adopt or reject cybersecurity. Then, ultimately, he wants to create a suite of social cybersecurity systems that are more observable, cooperative, and stewarded.

Read the full story about how he’s doing that at c.gatech.edu/das.

FACULTY AND STAFF ACHIEVEMENTS

General Philip Breedlove (Ret.), distinguished professor in the Sam Nunn School of International Affairs and former NATO Supreme Allied Commander Europe, was awarded the Transatlantic Award at the GLOBSEC Bratislava Forum held in May in Slovakia.

Blair Breitmann, assistant professor in the School of Materials Science and Engineering, was awarded the Ralph E. Powe Junior Faculty Enhancement Award through the Oak Ridge Associated Universities.

Kaye Husbands Fealing, professor and chair of the School of Public Policy, has been appointed to the Committee on Equal Opportunities in Science and Engineering (CEOSE) of the National Science Foundation (NSF). CEOSE is a congressionally mandated advisory committee to the National Science Foundation.

Kevin Stacia, corporate relations manager in the MBA Career Center in the Scheller College of Business, was elected to the Board of Directors of the MBA Career Services and Employer Alliance.

Andy Sun, the Anderson-Interface Early Career Professor in the H. Milton Stewart School of Industrial and Systems Engineering, has been awarded a CAREER grant from the National Science Foundation.

The National Science Foundation has selected Georgia Tech Professor Branislav Vidakovic, who holds a joint appointment in the H. Milton Stewart School of Industrial and Systems Engineering and the Wallace H. Coulter Department of Biomedical Engineering, as a program director in the Division of Mathematical Sciences.

Erica Watson-Grier, director of the R. Kirk Landon Learning Center, received the Mary Ann Tocci Award for Leadership Achievement and Bright Way to Work awards at the Bright Horizons Leadership Conference held in Orlando, Florida. The Mary Ann Tocci award is given to those who demonstrate excellence in Bright Horizons “4 Ps”: People, Partnerships, Performance, and Programs. The Bright Way award honors individuals who contribute to the overall work environment by demonstrating a consistent, model work ethic.
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he doesn’t seem to mind. He is focused on what this space will look like in a matter of months. It might seem an unlikely path for the young man from Warner Robins, Georgia, who graduated as a Georgia Tech Promise scholar with a degree in electrical engineering. Bainbridge would disagree.

He started homebrewing as a hobby when he was an undergraduate, with a friend who now works at Creature Comforts Brewing in Athens. He saw it as a way to blow off steam at what he calls “a tough school.” But Bainbridge also credits Tech for giving him “a strong foundation for solving engineering problems. And beer is an engineering problem — one that’s fun to solve. My Tech background is part of what made me gravitate to it in the first place.”

After graduating in 2011, Bainbridge became a hardware electrical design engineer for a technology services company in Alpharetta. Since 2014, he has worked as a research engineer based in Georgia Tech Research Institute (GTRI), where he specializes in the design and analysis of FPGAs (Field Programmable Gate Array) — devices that allow people to create and configure digital circuits for a wide range of applications.

Through it all, his passion for beer stayed with him. Bainbridge and a friend and former roommate, Joran Van Ginderachter, who had professional brewing experience in his native Belgium and in Decatur, regularly latched around the idea of starting their own brewery.

But it wasn’t until last year, when Georgia’s brewery laws changed, that they got serious.

Signed into law in March and taking effect Sept. 1, 2017, the Beer Jobs Bill allows breweries to sell 3,000 barrels of beer per year to visiting consumers, who can buy beer by the glass onsite and purchase up to 288 ounces (or one case) of beer to go. Previously, breweries and wholesalers and were prohibited to sell 3,000 barrels of beer per year to visiting consumers, who can buy beer by the glass onsite and purchase up to 288 ounces (or one case) of beer to go.

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Shawn Bainbridge, a Georgia Tech graduate and research engineer with GTRI, stands inside the unfinished.

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own eduroam service, instead of configuring their device to Tech’s networking service. View a list eduroam participant institutions at eduroam.us/institutions_list.

The most significant change when configuring eduroam is that the username entered needs to be in the format of “gtaccount@gatech.edu.” For example, a user with the Georgia Tech account “gburdell8” should enter “gburdell8@gatech.edu” as the username along with the account password.

“Eduroam provides the same strong enterprise-based wireless authentication as GTwll, with the ability to securely authenticate to Wi-Fi networks provided by participating academic institutions worldwide,” added Sanders.

When making the switch to eduroam, it is important that only one Georgia Tech network be configured on a device at any one time to avoid connection instability. Users must delete their GTwll account and ensure that each of their devices is configured to connect to eduroam only. Frequently asked questions (FAQs) are available at c.gatech.edu/eduroam.

New Login Settings

When switching to eduroam, an important change to note is the login settings.

On eduroam, the username should be entered in the format of “gtaccount@gatech.edu.” For example, a user with the Georgia Tech account “gburdell8” should enter “gburdell8@gatech.edu” as the username, along with the account password.

Learn more at c.gatech.edu/eduroam.

Free GTVisitor Access

Visitors to Georgia Tech from institutions with eduroam are able to connect seamlessly without the need for sponsored guest accounts or visitor passes. For other guests and visitors not using eduroam Wi-Fi, GTVisitor now offers a free tier for those needing basic Wi-Fi service.

GTVisitor is available in all campus buildings as well as at the Georgia Tech Hotel and Conference Center and the Georgia Tech-Savannah campus. OIT partnered with the Global Learning Center, Conference Services, Athletics, and the Advanced Technology Development Center along with the network provider Awareness to provide the previously paid-for service for free. The paid service will continue to exist for those requiring faster download speeds, support, or a unique IP address. Likewise, those who sponsor guests requiring access to a Georgia Tech network can choose to sponsor guest accounts in Passport — though it is expected that the need for both of these options will diminish substantially.

“This free service will make it easier for parents, alumni, prospective students, as well as our industry and community partners to get online more efficiently and without the need for assistance from an employee,” said Sanders. Users can join GTVisitor for free by selecting “GTVisitor” and accepting the terms and conditions.

These changes are expected to optimize the user’s experience with wireless service on campus, and support OIT’s goals to continuously transform the technology enterprise and streamline service delivery.

For more information, visit the LAWN website at lawn.gatech.edu.

EVENTS

June 26–27

FASET Orientation will take place for incoming fall first-year students. Additional FASET dates include:

- July 9–10
- July 12–13
- July 23–24
- July 26–27
- August 12–13
- August 14–15

translocatorsprograms.gatech.edu

June 28

International Education celebrates the summer solstice with Midsummer Holiday, a celebration with traditions rooted in Northern European culture. In honor of the holiday, stop by Tech Walk from 1 to 3 p.m. for pretzels and lemonade.

oie.gatech.edu

June 29

The Center for Teaching and Learning hosts a book club discussion about Creating Wicked Students: Designing Courses for a Complex World from noon to 1 p.m. in Room 4166A, Clough Commons. Refreshments will be served.

ctf.gatech.edu

June 30

Withdrawal deadline for Full Summer Session.

July 3

Students from the College of Sciences present a science showcase at the farmers market at The Shed at Ponce City Market. This week will focus on Urbanization and the Water Cycle. The event takes place from 4 to 8 p.m.

sciences.gatech.edu

July 4

Campus is closed for Independence Day.

July 9

Phase I registration begins for Summer First-Year Students for Fall 2018.

July 10–11

The Georgia Tech Library hosts Patent Tuesday, focused on entrepreneurship and intellectual property, from noon to 2 p.m. in the Homer Rice Center, Library.

library.gatech.edu

July 10–11

World Cup viewing parties will take place in Tech Rec, first floor, Student Center, from 10 a.m. to 1 p.m.

studentcenter.gatech.edu

July 15

Withdrawal deadline for Late Short Summer.

For a more comprehensive listing of events, or to add your own, visit calendar.gatech.edu.
Since its construction in 1928, the Marion L. Brittain Dining Hall has been the source of much curiosity. The red brick building, with its limestone trim, Doric pillars, lofty ceilings, and stained glass windows, was named “the South’s most stunning college dining hall” by Southern Living magazine. Although the building has been photographed countless times, it still holds a secret: a small apartment above the dining room. Let’s go inside. See more photos at c.gatech.edu/daisy.

Hidden Georgia Tech is a photo essay series highlighting places on campus that may largely go unnoticed but are sometimes hidden in plain sight. If you know of a place worth exploring, email editor@comm.gatech.edu. View more from the series at c.gatech.edu/hidden.