

# ECE Weekly

The Ohio State University | Department of Electrical & Computer Engineering

## El Gamal appointed next ECE Chair



With a background in both industry and academia, professor **Hesham El Gamal** was appointed to become the new chair of the Department of Electrical and Computer Engineering (ECE) at The Ohio State University, effective September 1, 2018.

El Gamal succeeds professor **Joel Johnson**, who has served as chair since 2014.

Learn more about El Gamal's vision for the department. Story:

<http://go.osu.edu/elgamal>



## Colorful research

Faces broadcast our feelings in living color—even when we don't move a muscle.

That's the conclusion of a groundbreaking study into human expressions of emotion, which found people are able to correctly identify the feelings of others up to 75 percent of the time—based solely on subtle shifts in blood flow color around the nose, eyebrows, cheeks or chin.

The study, recently published in the Proceedings of the National Academy of Sciences, is the work of ECE professor **Aleix Martinez** and his team at The Ohio State University. The topic is currently making its way into worldwide tech news. Full story:

<http://go.osu.edu/firstblush>

## MakeOHI/O 2018 event recap



A wooden mechanical project, constructed of cranks, wires and a can of Sprite is set up on a table.

"It opens a can. That's the idea behind it," student **Cory Miller** said about his creation, then added with a laugh, "It doesn't work... but that's the idea behind it."

Such a jovial attitude is why the annual MakeOHI/O hackathon event is always interesting at The Ohio State University. Success or failure doesn't matter. It's all about the passion for creation.

Learn more about the projects and people involved this year:

<http://go.osu.edu/makeohio2018>

Watch a short video recap:

<http://go.osu.edu/makeohio18>

## New dawn for Ohio State Solar Education & Outreach

Tucked away off Lane Avenue sits the enCORE solar-powered house at Ohio State. ECE Professor **Paul Berger** said enCORE remains a hidden icon of sustainable energy on campus. More efforts are underway to not only revive interest in it, but renew student involvement in solar-powered energy research and outreach missions to Tanzania.

Story: <http://go.osu.edu/solart-story>



Watch a short **video** of Berger discussing the house and Solar Education Outreach at Ohio State: <http://go.osu.edu/solart>



## iREDEFINE award winner

**Isabel Fernandez Puentes**, an ECE student and Engineering Education graduate teaching associate, was chosen by NSF to participate in its Workshop on Improving the Diversity of Faculty in ECE (iREDEFINE ECE) and receive a Professional Development Award. Full story:

<http://go.osu.edu/define18>

## @OhioStateECE in the news...



ECE Assistant Prof. **Asimina Kiourti** talks "e-threads" research in The Conversation: <http://go.osu.edu/efab2>

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The 1870 magazine recently featured ECE student **Jack Hsueh** and his ISSCC research win, a first for the university. Link: <http://go.osu.edu/1870jackh>