

# AUSTIN FORUM

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ON TECHNOLOGY & SOCIETY

*Connect. Collaborate. Contribute.*™





# Tech Trends for 2023 (and beyond!)

January 10, 2023

**Jay Boisseau**  
Exec Director  
Austin Forum



**Jay Williams**  
Vice President  
Frontier Marketplace



**Nancy Giordano**  
CEO  
Play Big Inc



**Michael Shepherd**  
Distinguished Engineer  
Dell Technologies



*Welcome to the*  
***Austin Forum on Technology & Society!***

*We bring leaders, thinkers, builders, creators, and learners together to **connect, collaborate, and contribute!***

*Thank you for joining our community  
online or in-person!*

# Before we get started, join our slack

## *Why join the Austin Forum Slack workspace?*

- Continue and deepen the conversation after Austin Forum events
- Find new opportunities for collaboration, mentoring, working, and more
- Promote local events and relevant Tech & Society opportunities
- Because this gives *everyone* in our community—online and in-person—the *same* way to ask questions!
- ***We are going to clean up up channels and simplify the space before the next event***

## *How?*

1. Open a web browser
2. Go to: [www.austinforum.org/slack](http://www.austinforum.org/slack)
3. Click “Join the Austin Forum Slack Workspace”
4. Enter your email address
5. Check your email to confirm Slack invitation
6. Enter your name and click “Create Account”
7. You’re in! You can use the Slack mobile app now, too.
8. To submit questions during the event, in the channel **#event-questions** (add to your view using + **Add channels**)

# Austin Forum Team!



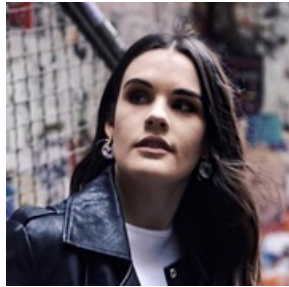
Jay Boisseau  
Executive Director



Allison Warner  
Logistics



John Lockman  
Tech Director



Delanie Majors  
Communications Coordinator



Mary Garza  
Web/UX Designer

# Our Annual Partners Make This Possible!



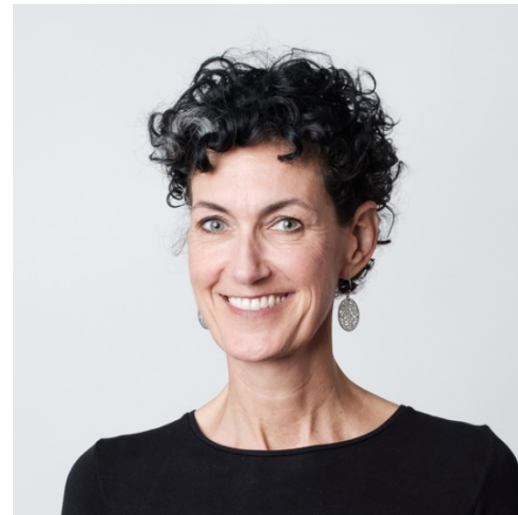
*Please contact us if you want to become an annual partner!*

# Welcome New Advisory Board Members!



**Jennifer "Houli" Houlihan**

Lead Instructor, Product Mgmt & Design  
The Flatiron School / Army Software Factory



**Nancy Giordano**

CEO & Strategic Futurist  
Play Big Inc



# Support the Austin Forum!

We need your help! Like many other non-profits, the pandemic impacted us (and our sponsors) negatively. If you can help, it is appreciated, tax-deductible, and will be rewarded with schwag and praise!

<https://www.austinforum.org/support.html>





# Much Thanks to The Austin Forum Friends!

Don Hanson

Irl Barg

Karthik Srinivasan

Kevin Hughes

Kingsley Coppinger

Louie P Nalda

Michelle Marshall

Navira Abbasi

Sean Casey

Stanford Young

Steve Krant

# We have 4 kinds of programming!

## Live onthly events

### Presentation + Networking events

- Expert presenter-focused
- In-person and online—hybrid
- Recording and slides posted online

### Discussion events

- Participatory for everyone
- In-person *or* online
- Never recorded—speak freely!

## Online weekly content

### Podcasts – Austin Forum Upload (*new episodes!*)

- Audio only
- Conversation formats
- Hosted in major podcast stores, AF website

### Blog – Austin Forum Update (*rebooting in Feb!*)

- Web-based (on Medium)
- Weekly(ish) articles
- Multiple formats: “Techsplanaions,” interviews, analyses/positions, and series

# Austin Forum Upload: New episodes out now!



- We will release 2-3 per week in January, then weekly!
- Three new episodes just posted:
  - **ChatGPT**
  - **The Economy & Tech Sector**
  - **SXSW 2023 Preview**
- Next three episodes will be:
  - LastPass, Passwords, Pitfalls & Recommendations
  - Misinformation as a Weapon
  - Generative AI and Art

# Austin Forum Presentation + Networking Events: Experts Share, Inform & Inspire



5:15 Cash bar opens, and free snacks. Mingle in-person w/speakers & attendees, or chat w/online attendees

6:15-7:25 **Main event & presentation**  
*Ask questions in **AF Slack #event-questions** channel,  
Tweet with **#futureAF @AustinForum***

7:25-7:40 Q&A with presenters

7:40-7:45 Final comments/slides

8:00 Post-event networking w/speakers, attendees, and free drinks & eats




# ***Q: Which technology are you most excited about in 2023?***

(discuss with nearby attendee or type in Zoom chat, 30 seconds)

1 2 3 4 5 6 7 8 9 10

11 12 13 14 15 16 17 18 19 20

21 22 23 24 25 26 27 28 29 

Questions for  
speakers?

Submit questions in  
the AF Slack channel

**#event-questions**  
for a chance to win a  
*SXSW 2023 badge!*

*Must be in-person and present  
at ~7:45PM to win!*

*Must use your name (first and  
last) on questions!*



**SXSW** 

**AUSTIN FORUM**

ON TECHNOLOGY & SOCIETY

@AustinForum  
#futureAF

# Speaking of SXSW...

Please welcome **Hugh Forrest**,  
co-president of SXSW, to give  
a quick preview of

**SXSW** ↙  
**2023**





# And now, our featured presentation...

## Please:

- ✓ **Respect our speakers & audience** by not talking during their presentation, and in your comments & questions
- ✓ **Ask questions** in the AF Slack in the **#event-questions** channel
- ✓ **Share key points** via Twitter w/hashtag **#futureAF** and tag **@AustinForum**
- ✓ **Learn, think, and enjoy!**





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ON TECHNOLOGY & SOCIETY

@AustinForum  
#futureAF

# Tonight's speakers



**Jay Boisseau**

Exec Director  
Austin Forum

[jay@austinforum.org](mailto:jay@austinforum.org)



**Jay Williams**

Vice President  
Frontier Marketplace

[jay@frntex.com](mailto:jay@frntex.com)



**Nancy Giordano**

CEO

Play Big Inc

[nancy@playbiginc.com](mailto:nancy@playbiginc.com)



**Michael Shepherd**

Distinguished Engineer  
Dell Technologies

[michael.shepherd@dell.com](mailto:michael.shepherd@dell.com)

# Is This Event Important? Or Just Fun?

Question: why do humans make predictions?

One answer: to know how the future will affect them and how they might take advantage of it for:

- shelter, food, safety...
- money, fame, success...
- happiness, fun, dating...

# Yes, We Think It's Important (& Fun)!

- Technology, data, and knowledge are increasingly rapidly
- The importance of learning/adopting new technologies faster is increasing rapidly: survive, innovate, compete, thrive!
- The need to solve global human problems—health, safety, food, housing, education, and opportunities for all—is fundamental and persistent
- **Awareness, understanding, and context** can lead to **familiarity, prioritization, learning, adoption, and impact!**
- **So, tonight we will attempt to inform and inspire you to:**

***connect, collaborate, contribute!***

# And What We Will NOT Achieve in Just 1 Hour 😊

1. Provide *expert-level* understanding of technologies
  - BUT we will cover all of these topics in dedicated events & blog posts later in 2023!
2. Cover every emerging, important technology
  - BUT we will cover our top ones, and many others later in 2023!
3. Provide sound investment guidance or make politically-oriented policy opinions 😊
  - BUT some of us will be drinking whiskey during the networking, so you never know...

# First, Some Major Achievements in 2022...





# The Generative AI Eruption



Linas Beliūnas [in](#)  
@linas.belunas

Time it took to reach **1 million users**:

- Netflix** - 3.5 years
- Airbnb** - 2.5 years
- Facebook** - 10 months
- Spotify** - 5 months
- Instagram** - 2.5 months
- iPhone** - 74 days
- ChatGPT** - 5 days

**ChatGPT** is one of those rare moments in technology that **will reshape everything** going forward.



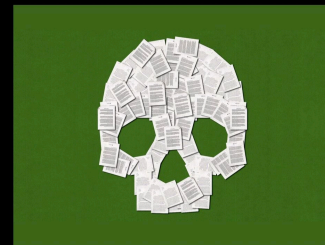
write a 21st century haiku



The world moves fast  
Technology drives us ahead  
Nature falls behind



The College Essay Is Dead



*Nobody is prepared for how  
AI will transform academia.*



# AI Predicts ALL Known Protein Structures: DeepMind & Meta

nature

[Explore content](#) [About the journal](#) [Publish with us](#) [Subscribe](#)

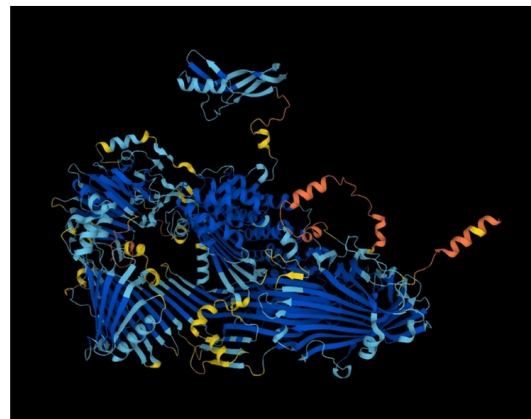
[nature](#) > [news](#) > article

NEWS | 28 July 2022 | Correction [29 July 2022](#)

## 'The entire protein universe': AI predicts shape of nearly every known protein

DeepMind's AlphaFold tool has determined the structures of around 200 million proteins.

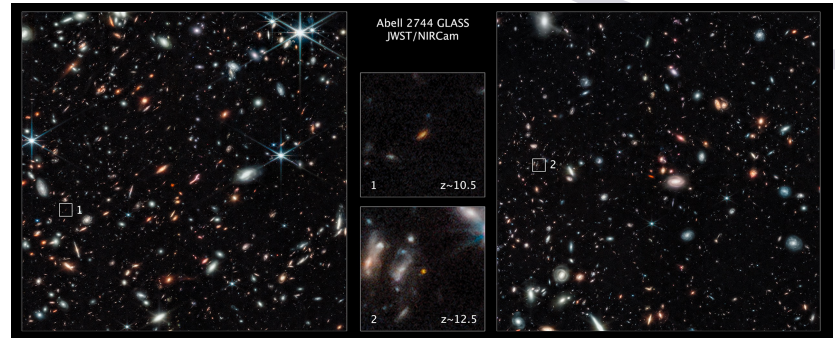
[Ewen Callaway](#)



The structure of the vitellogenin protein — a precursor of egg yolk — as predicted by the AlphaFold tool. Credit: DeepMind



# Farthest Galaxies Seen with The James Webb Telescope





# Drone Delivery in College Station and Dallas

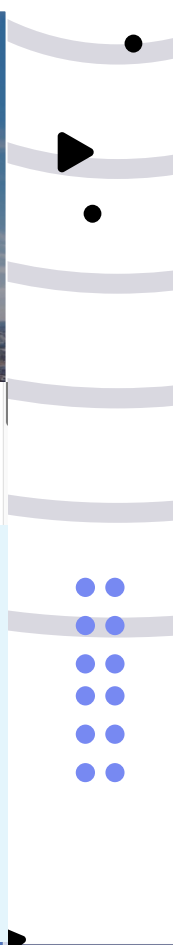
Wing<sup>7</sup>

**Now offering drone delivery to select homes in the Dallas-Fort Worth area.**

Wing has launched the first commercial drone delivery service in a major U.S. metro in parts of Frisco and Little Elm. No signup or delivery fees!

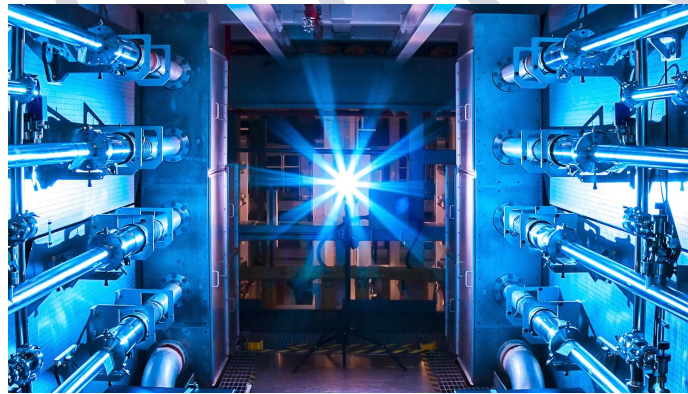
**Amazon drone delivery is coming to College Station, Texas**

Company announced drone service in California last month





# Net Positive FUSION Achieved



*The New York Times*

## *Scientists Achieve Nuclear Fusion Breakthrough With Blast of 192 Lasers*

The advancement by Lawrence Livermore National Laboratory researchers will be built on to further develop fusion energy research.



# FDA Approved Lab-Grown Meat

MATT REYNOLDS SCIENCE NOV 16, 2022 12:46 PM

## A Lab-Grown-Meat Startup Gets the FDA's Stamp of Approval

The US regulatory body has signed off on Upside Foods' cultivated meat—but the company is still figuring out how to make enough of it to sell.



PHOTOGRAPH: YULIA NAUMENKO/GETTY IMAGES



# Perennial Rice (PR23) Enables Food Abundance Revolution



## SMART NEWS

### Perennial Rice Could Raise Yields and Cut Costs

These plants that grow back year after year show promise, but they are not a silver bullet



Sarah Kuta

Daily Correspondent

November 28, 2022



Rice is a major staple crop around the world. Pexels

#### MOST POPULAR

1. Archaeologists Unearth Viking Hall in Denmark
2. The (Still) Mysterious Death of Edgar Allan Poe
3. How an Unorthodox Scholar Uses Technology to Expose Biblical Forgeries
4. Can Scientists Save the World's Tiniest Rabbit?
5. DIY Ice Cream in Wartime



And now, our conversation on tech  
trends for 2023+

# Conversation about Tech Trends for 2023+



**Jay Boisseau**

Exec Director  
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[jay@austinforum.org](mailto:jay@austinforum.org)



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Distinguished Engineer  
Dell Technologies

[michael.shepherd@dell.com](mailto:michael.shepherd@dell.com)



Q&A for  
**Tech Trends for 2023  
(and beyond!)**

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**Nancy Giordano**  
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**Michael Shepherd**  
Distinguished Engineer  
Dell Technologies




# ***Q: What is the best thing you learned tonight?***

(30 seconds)

1 2 3 4 5 6 7 8 9 10

11 12 13 14 15 16 17 18 19 20

21 22 23 24 25 26 27 28 29 

# Join Us for More Great Content in 2023

- **Schedule will be posted at [www.austinforum.org](http://www.austinforum.org)**
- Presentation and discussion topics for 2023 will include
  - Digital Twins and Multiverses
  - Tech & money, markets, finance
  - AI and data science
  - Robotics, autonomous vehicles/drones,
  - Manufacturing tech
  - Personal digital health & wellness tech
  - and more!



## Plus:

- New podcast episodes **now**
- Rebooted blog Feb 1
- and stay tuned for hands-on labs and tutorials!

# Our Annual Partners Make This Possible!



# Join us to learn, share, discuss!!



*Please share the upcoming events with your friends and colleagues!*



# Networking is back! Join us at:



Corner of 3<sup>rd</sup> St and Nueces St—an easy walk from here

***KEEP YOUR NAMETAGS FOR FREE DRINKS!***

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