



March 2020

As they say, "Beware the Ides of March". From everyone here at MemComputing, we truly hope you and your family remain healthy and safe during these uncertain and worrisome times. Although it has been a crazy month, we consider ourselves fortunate to be working remotely and continue to tackle some of the toughest problems in Oil and Gas, transportation logistics, and machine learning.

A crisis of this magnitude has the power to wipe out not just small businesses and start-ups, but massive global corporations as well. Now more than ever, saving time and money is of paramount importance as companies are cutting spending and incurring unpredictable expenses. However, it can also reveal real opportunities to explore new and creative ways to overcome these challenges.

MemComputing represents the breakthrough industry is desperate for. The compute performance our clients experience immediately translates into tremendous cost savings and improved operational efficiencies. We are continuing to work with our partners and developing new relationships across various industries to address and solve their most challenging business problems, giving them huge competitive advantages over their competitors.

Register for free, and experience the power yourself.

[Register](#)

SBIR Phase 1



We've been awarded an [Air Force Small Business Innovation Research \(SBIR\) Phase-1 contract](#), providing a contract vehicle for us to seek out government and DoD customers and use cases for our disruptive high performance computing technology.

In late 2019, MemComputing graduated from the [Air Force Research Laboratory's \(AFRL\) Catalyst Space Accelerator](#), and because of the success of that cohort, applied to the SBIR "Open Topics".

This highly competitive U.S. government program enables small businesses to explore their technological potential within the Air Force and other DOD markets, and provides the incentive to profit from its commercialization. If successful, the Air Force can further develop and adopt such innovations into their workflows and provide non-dilutive funding for selected companies to advance their technology into the market. This comes as a collective effort to discover commercial applications for the MemComputing technology across the Air Force and other DOD related markets.

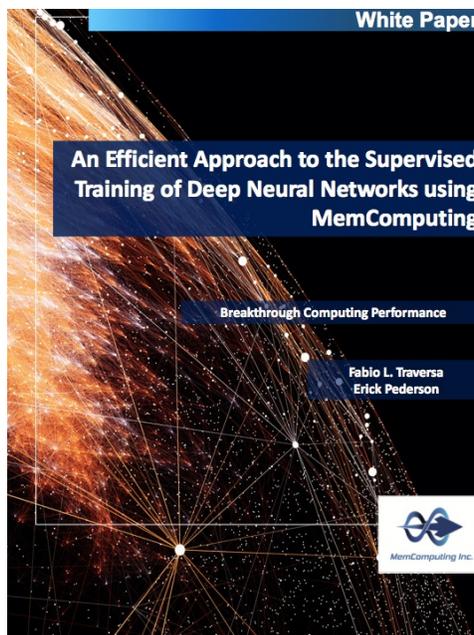
MemComputing Sightings

Project Geospatial Podcast



Our CEO John Beane was recently featured on a podcast hosted by Project Geospatial. In this interview, he discusses both his background & experience in the start-up world, and updates listeners on MemComputing's latest projects. Give it a listen [here](#)!

AI Update



We have released a white paper demonstrating MemComputing's new approach to the training of Deep Neural Networks. The paper addresses the inherent limitations associated with today's most popular gradient-based methods, such as Adaptive Moment Estimation (ADAM) and Stochastic Gradient Descent (SGD), and reports performance on the detection of Exotic High-Energy Particles compared to ADAM and SGD as a case study. Read the white paper [here](#).

Event Updates

Hello Tomorrow

Postponed: Now October 22-23, 2020

Paris



We were planning on attending the Hello Tomorrow Global Summit earlier this month, however due to the COVID-19 crisis, this event has been postponed until October. We look forward to pitching and networking in Paris later this fall.

For the second year in a row, we have been selected as a Global Finalist from the world-renowned Hello Tomorrow Challenge. From over 5,000 applications from 128 countries, we're proud to have been named one of seven 'Advanced Computing & AI' finalists competing to win at the Hello Tomorrow Summit.

What is the Hello Tomorrow Global Summit?

The Summit welcomes 3,000 of the brightest deep tech enablers including entrepreneurs, academics, investors and corporate executives. Over two days, the venue in Paris will become a nexus of deep tech innovation, empowering entrepreneurs to build a better tomorrow.

Space Symposium

Postponed: Dates not yet available



This would have been a really cool event, unfortunately it has been postponed until further notice. The Space Symposium is referred to as the "must attend" space industry event of the year. The caliber of participants, the extraordinary venue and the structure of the agenda create the ideal environment for making contacts and getting business done. As we expand into new markets, events like this provide great opportunities to network and discuss applications for the MemComputing technology.

INFORMS

Cancelled



The INFORMS conference we were planning on attending this April has been cancelled due to the COVID-19 pandemic. This would have been their business analytics conference, attracting over 1,000 leading analytics professionals and industry experts dedicated to discovering new mathematical solutions to problems in operations research and beyond. Nonetheless, we are excited to attend next year!

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- Don't forget to periodically check our website <http://memcpu.com>. We are constantly working to improve it.
- Finally, if you have any comments or questions you'd like to share; you can always email us at info@memcpu.com.

