



Defense Experts: China Poses ‘Existential Threat’ To U.S.

Technocracy in China is a greater threat to the world than military domination, although the two could go hand-in-hand. Technocracy means total Scientific Dictatorship and China is racing to complete its global net. □ TN Editor

China’s growing power throughout the world presents an existential threat to Americans’ future that they are not prepared for, experts warned Thursday during a panel discussion at the 2019 Conservative Political Action Conference (CPAC).

“This is an existential threat. The American people are not prepared to deal with it, but this will be the challenge of our generation, and maybe later ones as well,” said Gordon G. Chang, author and expert on China.

The panel, entitled, “China, the Global Menace,” was one of several during the three-day conference exploring the challenge to the U.S. from a rising China.

Rick Fisher, senior fellow on Asian Military Affairs at the International Assessment and Strategy Center, said China has been methodically building networks around the world, as well as a military that will project power around the globe.

“China for 30 years has been assiduously gathering economic power in all regions of the planet, using this economic power to gather political networks, and is...today convincing those political networks to begin military cooperation to proto-alliance cooperation with China,” he said.

For example, the Shanghai Cooperation Organization started in 1996 as an economic cooperation body, but “all it produces are military exercises,” Fisher said.

He said in July, China announced the [China Africa Defense and Security Forum](#), which includes every country on the African continent but is “controlled by the People’s Liberation Army.”

“So this is the beginning of a second proto-alliance, and they make no bones publicly [that they are] working to form a similar forum in all the countries of Latin America and the Caribbean,” he said.

Experts on the panel said China is the largest source of support outside the region for the Cuban communist regime, the Venezuelan dictatorship, and other left-wing regimes.

Retired Navy Captain Jim Fanell, a former intelligence officer and current fellow at the Geneva Center for Security, said more and more Chinese navy vessels have been going to the Caribbean.

“I expect at some point in the near future, you’re going to start seeing Chinese intelligence collection vessels operating in the Caribbean and more closely to each of our coasts, because they’ve been very frustrated that we’ve been operating inside the first island chain in the Western Pacific,” he said.

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‘Google Inside Your Head’: Brain Implants To Revolutionize AI For Humans

Part of the Transhuman dream is to achieve God-like omniscience, which is the goal with brain implants. Who would control the knowledge available to you? Google. Proceed at your own risk. □ TN Editor

GOOGLE will be inside our heads as brain implants are developed to revolutionize AI for humans, according to an artificial intelligence expert.

Top AI expert Nikolas Kairinos believes within 20 years, implants put into human’s heads will allow us to not have to memorise a thing.

The CEO and Founder of Fountech.ai exclusively told Daily Star Online: “You won’t need to memorise anything.

Nick said humans, without making a sound or typing a single thing, will hear the answer to any question we may have inside our heads.

“Without making a sound or typing anything, you can ask something like ‘how you you say this in French?’ and instantly you’ll hear the information from the AI implant and be able to say it.”

Nick says the need to learn things in “parrot fashion” as we are taught in schools will disappear completely.

He revealed: “The need to actually learn something parrot fashion is going to disappear because we will have access to that instantly.

“Google will be in your head, and that’s not far-fetched.”

“It’ll be like having a really smart assistant that will almost think like you.”

Nick has more than 20 years’ experience of working with start ups and focuses on problem solving using artificial intelligence.

He revealed his thoughts on the future of AI to Daily Star Online and told us the massive changes he believes robots will have on our everyday lives.

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Northwestern Neuroscientist Researching Brain Chips To Make People Superintelligent

What if you could make money, or type something, just by thinking about it? It sounds like science fiction, but it might be close to reality.

In as little as five years, super smart people could be walking down the street; men and women who’ve paid to increase their intelligence.

Northwestern University neuroscientist and business professor Dr. Moran Cerf made that prediction, because he’s working on a smart chip for the brain.

“Make it so that it has an internet connection, and goes to Wikipedia, and when I think this particular thought, it gives me the answer,” he said.

Cerf is collaborating with Silicon Valley big wigs he’d rather not name.

Facebook also has been working on building a brain-computer interface, and SpaceX and Tesla CEO Elon Musk is backing a brain-computer interface called Neuralink.

“Everyone is spending a lot of time right now trying to find ways to get things into the brain without drilling a hole in your skull,” Cerf said. “Can you eat something that will actually get to your brain? Can you eat things in parts that will assemble inside your head?”

It sounds mind-blowing. Relationships might be on the line.

“This is no longer a science problem. This is a social problem,” Cerf said.

Cerf worries about creating intelligence gaps in society; on top of existing gender, racial, and financial inequalities.

“They can make money by just thinking about the right investments, and we cannot; so they’re going to get richer, they’re going to get healthier, they’re going to live longer,” he said.

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Scientists: Turn CO₂ Back Into Coal And Bury It

Science is being weaponized against planet earth, its eco-system and inhabitants. If CO₂ is removed from the atmosphere, it would sterilize earth into a barren desert devoid of all life. □ TN Editor

Researchers have used liquid metals to turn carbon dioxide back into solid coal, in a world-first breakthrough that could transform our approach to carbon capture and storage.

The research team led by RMIT University in Melbourne, Australia, have developed a new technique that can efficiently convert CO₂ from a gas into solid particles of carbon.

Published in the journal *Nature Communications*, the research offers an alternative pathway for safely and permanently removing the greenhouse gas from our atmosphere.

Current technologies for carbon capture and storage focus on

compressing CO₂ into a liquid form, transporting it to a suitable site and injecting it underground.

But implementation has been hampered by engineering challenges, issues around economic viability and environmental concerns about possible leaks from the storage sites.

“While we can’t literally turn back time, turning carbon dioxide back into coal and burying it back in the ground is a bit like rewinding the emissions clock,” Daeneke, an Australian Research Council DECRA Fellow, said.

“To date, CO₂ has only been converted into a solid at extremely high temperatures, making it industrially unviable.

“By using liquid metals as a catalyst, we’ve shown it’s possible to turn the gas back into carbon at room temperature, in a process that’s efficient and scalable.

“While more research needs to be done, it’s a crucial first step to delivering solid storage of carbon.”

How the carbon conversion works

Lead author, Dr Dorna Esrafilzadeh, a Vice-Chancellor’s Research Fellow in RMIT’s School of Engineering, developed the electrochemical technique to capture and convert atmospheric CO₂ to storable solid carbon.

To convert CO₂, the researchers designed a liquid metal catalyst with specific surface properties that made it extremely efficient at conducting electricity while chemically activating the surface.

The carbon dioxide is dissolved in a beaker filled with an electrolyte liquid and a small amount of the liquid metal, which is then charged with an electrical current.

The CO₂ slowly converts into solid flakes of carbon, which are naturally detached from the liquid metal surface, allowing the continuous

production of carbonaceous solid.

Esrafilzadeh said the carbon produced could also be used as an electrode.

“A side benefit of the process is that the carbon can hold electrical charge, becoming a supercapacitor, so it could potentially be used as a component in future vehicles.”

“The process also produces synthetic fuel as a by-product, which could also have industrial applications.”

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