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SYLLOGE ON CHINA

Focus: Nuclear, Space, Missiles and other Security Issues

An Initiative by Indian Pugwash Society and Centre for Nuclear Issues and Arms Control (MP - IDSA)



INDIAN PUGWASH SOCIETY

China's Global Security Initiative: Xi's wedge in the U.S.-led order

Pak Yiu

Nikkei Asia, November 1, 2022

Chinese President Xi Jinping's nearly two-hour speech to more than 2,000 delegates at this year's Communist Party congress was filled with familiar refrains. Written into his work report for the first time, however, was the Global Security Initiative (GSI), signaling an important theme in his precedent-breaking third term. "An ancient Chinese philosopher observed that 'all living things may grow side by side without harming one another, and different roads may run in parallel without interfering with one another,'" Xi said in his work report. "Only when all countries pursue the cause of common good, live in harmony and engage in cooperation for mutual benefit will there be sustained prosperity and guaranteed security."

<https://asia.nikkei.com/Spotlight/Asia-Insight/China-s-Global-Security-Initiative-Xi-s-wedge-in-the-U.S.-led-order>

First nuclear energy heating project in northeast China now in operation

Global Times, November 1, 2022

The heating project of the Hongyanhe nuclear power plant in Northeast China's Liaoning Province was officially put into use. It's the first nuclear energy heating project in Northeast China, and it will provide clean and zero-carbon heating to local residents this winter. The project is in Hongyanhe town in Liaoning's coastal city Dalian, with a planned heating area of 242,400 square meters and a maximum heating load of 12.77 megawatts. The project extracts non-radioactive steam from the nuclear power units as the heat source, and carries out a multi-stage heat exchange through stations and finally transmits the heat to households through the municipal heating pipe network.

<https://www.globaltimes.cn/page/202211/1278469.shtml>

U.S. pushes Japan and other allies to join China chip curbs

Rintaro Tobita

Nikkei Asia, November 1, 2022

The U.S. is urging allies including Japan to follow its lead on restricting exports of advanced semiconductors and related technology to China, likely intensifying the impact of Chinese-American tensions on chipmakers worldwide. Tokyo has begun internal discussions on the issue at Washington's request, a Japanese government insider said. Officials are weighing which restrictions can be adopted in Japan, and will watch how other U.S. allies such as the European Union and South Korea respond. The sweeping export controls announced October 7 by the U.S. Commerce Department span chipmaking equipment, design software and even engineers who support semiconductor manufacturing in China.

<https://asia.nikkei.com/Politics/International-relations/U.S.-pushes-Japan-and-other-allies-to-join-China-chip-curbs>

China Space Station's third and final module Mengtian docks with orbiting combination

Deng Xiaoci and Fan Wei

Global Times, November 1, 2022

The Mengtian lab module - the third and final part of the three-module China Space Station's basic structure - made a rendezvous and docked with the Tianhe space station core module, about 13 hours after being launched, according to the China Manned Space Agency (CMSA). The new space lab module docked with the Tianhe at the core module's forward docking port in a steady and highly precise fashion. Next, the Mengtian module will execute a transposition in orbit, and join with earlier modules - the Tianhe core module and Wentian lab module - to complete the T-shape structure for the China Space Station, read a statement the CMSA provided to the Global Times on Tuesday.

<https://www.globaltimes.cn/page/202211/1278482.shtml>

New Units at Hongyanhe Further China's Nuclear Ambition

Darrell Proctor

Power, November 1, 2022

China's nuclear power program has utilized several technologies over the years, drawing on the expertise of its own engineers and those of other nations while pursuing its own reactor development and technology export program. The country's 14th Five-Year Plan for economic development includes government plans for at least 70 GW of nuclear power generation capacity to be installed by 2025. Part of that plan already is in operation, as Units 5 and 6, or Phase II, of the Hongyanhe Nuclear Power Station came online over the past year. Hongyanhe's six units provide a total of 6.71 GW of generation capacity, making it the largest nuclear power plant in China. The plant's two newest units are notable for their use of the ACPR-1000 reactor, which emphasizes safe performance and economic efficiency.

<https://www.powermag.com/new-units-at-hongyanhe-further-chinas-nuclear-ambition/>

China, Vietnam strive to advance ties to a new level; 'mutual political trust withstands outside power sowing discord'

Global Times, November 1, 2022

China and Vietnam agreed to strengthen strategic communication, enhance political mutual trust, properly manage differences in a bid to bring their comprehensive strategic cooperative partnership in the new era to a new level as Chinese top leader met Nguyen Phu Trong, general secretary of the Communist Party of Vietnam (CPV) Central Committee in Beijing. Xi Jinping, general secretary of the Communist Party of China (CPC) Central Committee and Chinese president, welcomed Nguyen Phu Trong, general secretary of the CPV Central Committee at the Great Hall of the People in Beijing. The two leaders witnessed the signing of a batch of cooperation papers in multiple fields, which analysts said reflected the high level of

political trust and laid the foundation for further deepening of bilateral relations in the future amid a more complicated international environment.

<https://www.globaltimes.cn/page/202211/1278424.shtml>

Republicans slam Pentagon plan to pull permanent F-15 force from Okinawa: would send wrong signal to China

Demetri Sevastopulo

Financial Times, November 2, 2022

Republican lawmakers have criticised a plan by the Pentagon to replace F-15 fighter jets permanently based in Okinawa with a temporary rotating force, saying it would send the wrong signal to China about US deterrence. The criticism followed a report in the Financial Times that the US air force would withdraw two squadrons of F-15 Eagles from Kadena air force base in Okinawa, as part of a modernisation programme. The air force will temporarily replace the 48 F-15s with more advanced F-22 stealth fighters from Alaska, but critics have raised concern that the Pentagon has not established a long-term solution to replace the jets in Japan.

<https://www.ft.com/content/eef5faaf-cb2c-4d63-ba47-d3a772fc30eb>

China willing to boost global cooperation on nuclear power, Premier Li says

Global Times, November 2, 2022

The Chinese government firmly supports the active and orderly development of nuclear power and vigorously promoting technological advances and industrial development in this field on the premise of ensuring absolute security, Chinese Premier Li Keqiang said in a congratulatory letter sent to the 23th Pacific Basin Nuclear Conference. Li further stressed that China is willing to work with other countries to deepen international exchanges and cooperation in nuclear power on the basis of equality and mutual benefits to facilitate the transformation of economic and social development and deliver more benefits to people of all countries, according to the Xinhua News Agency. The 23th Pacific Basin Nuclear Conference, under the theme of "Nuclear innovation for zero-carbon future," is being held in Beijing and Chengdu, Southwest China's Sichuan.

<https://www.globaltimes.cn/page/202211/1278580.shtml>

Xi says China will help Pakistan in stabilizing financial crisis

Nikkei Asia, November 2, 2022

China will continue to support Pakistan as it tries to stabilize its financial situation, state media quoted President Xi Jinping as saying, during a visit by Pakistan's prime minister to Beijing. Pakistan had been struggling with a balance of payments crisis even before devastating floods hit the country this summer, causing it an estimated \$30 billion or more in losses. Pakistan was expected to seek debt relief from China,

particularly the rolling over of bilateral debt of around \$23 billion. China's central bank and the State Bank of Pakistan have signed a memorandum of cooperation recently for the establishment of RMB clearing arrangement in Pakistan, in a bid to facilitate the use of RMB for cross-border transactions by enterprises and financial institutions in both countries, the People's Bank of China (PBOC) said.

<https://asia.nikkei.com/Politics/International-relations/Xi-says-China-will-help-Pakistan-in-stabilizing-financial-crisis>

China calls for restraint in Korean Peninsula as tensions rise amid air drills, missile firing

Wang Qi

Global Times, November 2, 2022

Tensions on the Korean Peninsula situation escalated to fresh heights when North Korea reportedly launched multiple missiles after a US-South Korea military drill kicked off, with Chinese officials and experts calling for restraint, as well as dialogue and peaceful solutions to the crisis. North Korea reportedly launched the highest number of short-range missiles in a day, up to 23 as of press time. One of the short-range ballistic missiles landed close to South Korean waters for the first time since 1945, according to media reports. Chinese Foreign Ministry spokesperson Zhao Lijian said that China has been closely following the situation on the Korean Peninsula. And it serves the common interests of the region to maintain peace and stability and address each other's concerns in a balanced manner through dialogue and consultation.

<https://www.globaltimes.cn/page/202211/1278597.shtml>

US urges China nuclear talks amid concerns over its rising capabilities alongside Russia threat

Bochen Han

South China Morning Post, November 2, 2022

Amid growing unease over China's rising nuclear capabilities and a lack of bilateral dialogue, Washington is calling for talks with Beijing, concerned that for the first time in history the US will soon face two "major nuclear powers". Unsure where China is going with its nuclear arsenal, the US would "really like to have a conversation with them about each other's doctrines about crisis communication, crisis management", said Alexandra Bell, Deputy Assistant Secretary of State for arms control, verification, and compliance, speaking at an Atlantic Council event in Washington. "We've been working this issue with the Russians for 60 years. And as everyone can see, it's still quite difficult," Bell said. "We're not in that space with Beijing yet."

<https://www.scmp.com/news/china/military/article/3198072/us-urges-china-nuclear-talks-amid-concerns-over-its-rising-capabilities-alongside-russia-threat>

Chinese and North Korean threat: Japan weighs hypersonic missile deployment by 2030 to boost deterrence

Ryo Nemoto

Nikkei Asia, November 3, 2022

Japan's Defense Ministry is considering the deployment of hypersonic missiles by 2030, seeking to bolster counterstrike capabilities to deter regional threats as the war in Ukraine transforms the global security landscape. Hypersonic missiles fly at five times or more the speed of sound and on a more complex trajectory than ballistic missiles, making them difficult to shoot down. Given North Korean and Chinese advancements in missile capabilities, Japan believes it needs to be able to not only intercept incoming projectiles, but to strike back if necessary. North Korea launched several ballistic missiles on Wednesday. China may have begun using hypersonic missiles in 2020, according to Japan's defense white paper, while Russia put them into service in 2019 and test-fired them from a submarine in 2021.

<https://asia.nikkei.com/Politics/Japan-weighs-hypersonic-missile-deployment-by-2030-to-boost-deterrence>

Wang Yi meets with Pakistani FM, vows to raise bilateral security cooperation to a new level

Global Times, November 3, 2022

Chinese State Councilor and Foreign Minister Wang Yi met with Pakistani Foreign Minister Bilawal Bhutto Zardari, who is accompanying Prime Minister Shahbaz Sharif on his visit to China. Wang said the time-tested China-Pakistan friendship is a valuable strategic asset for the two countries and vowed to raise their security cooperation to a new level. Prime Minister Shahbaz is one of the first foreign leaders to visit China after the successful convening of the 20th National Congress of the Communist Party of China (CPC). Wang said that this fully demonstrates the particularity of China-Pakistan relations and the important position of Pakistan in China's overall diplomacy.

<https://www.globaltimes.cn/page/202211/1278627.shtml>

PLA Air Force's H-6K bomber with suspected air-launched ballistic missiles arrives at Airshow China site

Liu Xuanzun

Global Times, November 3, 2022

An H-6K bomber of the Chinese People's Liberation Army (PLA) Air Force carrying two new-type missiles arrived in Zhuhai, South China's Guangdong Province in preparation for the upcoming Airshow China 2022. Military observers said that this is the first time the bomber has displayed what seems to be its air-launched ballistic missiles to the public. The H-6K carried one such missile on each wing, according to a video report by China Central Television (CCTV). The exact type of the weapon is not yet clear, but it

seems like a kind of air-to-ground missile with a design very close to a ballistic missile, the CCTV report said.

<https://www.globaltimes.cn/page/202211/1278676.shtml>

US military nuclear chief sounds the alarm about pace of China's nuclear weapons program

Ellie Kaufman and Barbara Starr

CNN, November 4, 2022

The Commander of US Strategic Command, which oversees the US nuclear weapons program, warned that China is developing nuclear weapons much faster than the US and called the issue a “near-term problem,” during a speech at a closed event. While Pentagon officials have been sounding the alarm about China’s military buildup and development of nuclear weapons for years, Richard’s comments paint the situation as more dire than other officials have stated publicly. “As I assess our level of deterrence against China, the ship is slowly sinking,” Adm. Charles Richard said. “It is sinking slowly, but it is sinking, as fundamentally they are putting capability in the field faster than we are.”

<https://edition.cnn.com/2022/11/04/politics/us-china-nuclear-weapons-warning/index.html>

China's Xi warns Putin not to use nuclear arms in Ukraine

Stuart Lau

Politico, November 4, 2022

Chinese leader Xi Jinping made his most direct criticism yet of Vladimir Putin’s war on Ukraine on Friday, warning the Russian president not to resort to nuclear weapons and calling on visiting German Chancellor Olaf Scholz to push for peace talks. Xi’s warning comes just over a month after Putin threatened Ukraine with a nuclear attack, a sign of how far Ukrainian forces had rocked the Kremlin with their advances against invaders in the East. The international community, said Xi, should “jointly oppose the use of, or threats to use, nuclear weapons,” according to a statement carried by Xinhua, China’s state news agency. The world should also “advocate that nuclear weapons cannot be used, a nuclear war cannot be waged, in order to prevent a nuclear crisis” in Europe or Asia, Xi added.

<https://www.politico.eu/article/china-xi-jinping-warns-vladimir-putin-not-to-use-nuclear-arms-in-ukraine-olaf-scholz-germany-peace-talks/>

U.S. chip curbs spark recruitment rush in China's tech sector

Cheng Ting-Fang and Yifan Yu

Nikkei Asia, November 4, 2022

China's tech sector is scrambling to snap up experienced engineers from foreign companies that are scaling back operations in the country amid a crackdown by the U.S. When word got out recently that U.S. chip

developer Marvell was laying off hundreds of workers in China, job postings from top Chinese tech companies and local chip companies targeting them went up almost immediately. The companies seeking talent range from tech heavyweights like Alibaba Group Holding and Huawei Technologies to local chip developers. "Looking forward to seeing resumes from our dear peers from Marvell. Come work with Alibaba Cloud to develop storage-related products," said Zhu Zongpeng, senior engineering specialist at Alibaba, in a post on Maimai, China's version of LinkedIn.

<https://asia.nikkei.com/Business/Technology/U.S.-chip-curbs-spark-recruitment-rush-in-China-s-tech-sector>

Xi-Scholz meeting injects new momentum into China-Germany, China-EU ties, enhancing political trust

Chen Qingqing, Wang Qi and Bai Yunyi

Global Times, November 4, 2022

Chinese President Xi Jinping met with German Chancellor Olaf Scholz on his official visit to China in Beijing, making him the first European leader to visit China after the 20th National Congress of the Communist Party of China. The two leaders agreed on enhancing cooperation and maintaining dialogue, rejecting decoupling and bloc confrontation, vowing to further expand cooperation beyond traditional areas into new sectors such as new energy and digitalization and increasing mutual political trust for a stable China-Germany relationship. Scholz's visit - a short but fruitful one with great significance - is widely believed to inject new momentum not only into China-Germany ties but also overall China-Europe relations, setting an example for other European countries to balance their China policies, as finding a way to coexist with China also serves as touchstone for European strategic autonomy, experts said.

<https://www.globaltimes.cn/page/202211/1278757.shtml>

Pakistan PM Sharif's China trip brings 'more words, little action'

Adnan Aamir

Nikkei Asia, November 4, 2022

Pakistani Prime Minister Shehbaz Sharif's visit to China achieved little more than vague and broad commitments, analysts say, with Beijing pushing for additional security for Chinese personnel working in the cash-strapped South Asian country. The shaky political and security situation in Pakistan was underscored anew with the assassination attempt on ousted former Prime Minister Imran Khan during a protest march to demand snap elections. Sharif had gone to China for a two-day visit -- his first since he replaced Khan in April. He was thought to be seeking concrete support to help buttress his fledgling administration as it deals with a spiraling economic crisis and shrinking foreign currency reserves.

<https://asia.nikkei.com/Politics/International-relations/Pakistan-PM-Sharif-s-China-trip-brings-more-words-little-action>

All BDS-3 satellites working well, contributing to top-class navigation system with unique advantages: white paper

Fan Anqi

Global Times, November 4, 2022

The China-developed BeiDou Navigation Satellite System (BDS) has become a top-class system with cutting-edge technologies and powerful functions, according to a white paper. China is ready to share its achievements in developing the BDS and provide services to all other countries, it said. Titled "China's BeiDou Navigation Satellite System in the New Era," the white paper published by the State Council Information Office introduced how China plans to further refine the system by improving its operation management, developing BDS-based applications, and upgrading its governance in the coming years. The 30 in-orbit satellites of the third-generation series of the BeiDou system, or BDS-3, which officially joined commissioning in July 2020, are in good operating condition, Ran Chengqi, spokesperson for the system, said at the press conference.

<https://www.globaltimes.cn/page/202211/1278740.shtml>

Scholz says Xi agrees nuclear threats over Ukraine are 'irresponsible'

Guy Chazan and Edward White

Financial Times, November 4, 2022

Olaf Scholz, the German chancellor, said that he and China's president Xi Jinping had agreed during talks in Beijing that nuclear threats over the war in Ukraine were "irresponsible and extremely dangerous". Russian president Vladimir Putin has made repeated warnings about using nuclear weapons as his eight-month invasion of Ukraine falters, part of a strategy western officials say is designed to deter military aid to Kyiv. Scholz told reporters he was "glad" that he and Xi had "reached an understanding . . . that there can be no escalation through the use of tactical nuclear weapons". "Everyone here in China knows that an escalation of the war would have consequences for us all," he added.

<https://www.ft.com/content/66a8aa7b-b7a1-48f2-b893-9716dec8efce>

Rocket debris from Mengtian launch falling on Earth an intl norm, chance of causing harm extremely low: Chinese FM

Global Times, November 4, 2022

With many across the world still immersed in the excitement over the epic launch of the third and final part of China's Space Station - the Mengtian lab module - some in the West have once again begun their hyping of the launch vehicle's falling debris, claiming it is falling back to Earth "uncontrollably." Responding to such hyping, Chinese Foreign Ministry spokesperson Zhao Lijian said that it has been an international norm for a rocket end stage to fall back to Earth's atmosphere, and the probability of this process causing harm to aviation activities or to the ground is extremely low. China has always pursued the peaceful use of outer

space in accordance with international law and international customary practice, Zhao noted at press briefing.

<https://www.globaltimes.cn/page/202211/1278758.shtml>

Xi urges Ukraine peace talks, warns against nuclear crisis in Eurasia in meeting with Scholz

Global Times, November 5, 2022

Chinese President Xi Jinping reaffirmed China's support for Germany and Europe playing an important role in facilitating peace talks on the Ukraine crisis and building a balanced, effective and sustainable security architecture in Europe when he met with German Chancellor Olaf Scholz. Under the current circumstances, the international community should: support all efforts conducive to the peaceful settlement of the Ukraine crisis and call on relevant parties to remain rational and exercise restraint, start direct engagement as quickly as possible, and create conditions for the resumption of talks, according to the meeting, Xi said. The international community should also oppose the threat or use of nuclear weapons, advocate that nuclear weapons cannot be used and that nuclear wars must not be fought, and prevent a nuclear crisis in Eurasia, Xi noted.

<https://www.globaltimes.cn/page/202211/1278765.shtml>

Japan to sign military pact with UK as allies eye China threat

Kana Inagaki and Demetri Sevastopulo

Financial Times, November 6, 2022

Japan and the UK are set to sign a major defence pact in December that will enable the countries to enhance co-operation with the US in the Indo-Pacific and boost deterrence against the rising threat from China. The countries will sign a Reciprocal Access Agreement (RAA), according to two people familiar with the talks. It will follow a similar deal Japan signed with Australia in January and is another sign of Tokyo forging deeper defence ties with allies and partners to prepare for the possibility of a war with China over Taiwan. The pact will make joint exercises and logistics co-operation between the nations easier. It will also set a legal framework to simplify cumbersome bureaucratic red tape for the entry of troops into each other's countries.

<https://www.ft.com/content/6ea15304-551b-4161-af6c-38cccf56d40d>

New anti-drone defense system to debut at Airshow China, offering smart and effective solutions to unmanned modern warfare

Deng Xiaoci and Fan Wei

Global Times, November 6, 2022

In response to new challenges in the modern warfare brought by drones with low flight altitude, slow flight speed and small radar reflection area, China has come up with a new indigenous air defense system and put

it on display at the upcoming 14th China International Aviation and Aerospace Exhibition in Zhuhai, South China's Guangdong Province. The new system was designed and developed by the Second Academy of the China Aerospace Science and Industry Corporation (CASIC), the country's largest air-space missile manufacturer. With the HQ-17AE short-range air defense missile weapon system at its core, the new system is projected to make its debut at this year's exhibition, also known as the Airshow China. "The rise of 'low, slow and small drones' with rather agile applications on the battlefield has transformed the landscape of warfare, which tends to achieve surprisingly good strike effects," Wang Wengang, the spokesperson with the CASIC Second Academy, told the Global Times.

<https://www.globaltimes.cn/page/202211/1278800.shtml>

China joins naval forum in Japan after skipping fleet review

Ken Moriyasu

Nikkei Asia, November 7, 2022

Wang Dazhong, a vice admiral of the Chinese People's Liberation Army Navy, attended the Western Pacific Naval Symposium in Yokohama -- a day after his nation skipped an international fleet review in waters off Japan. Taken together, the two actions reflect the balancing act Chinese foreign policy has to perform: participating in a forum that was set up during the Cold War to manage regional security but refusing an invitation from Japan to join a display of maritime force involving 39 vessels from 13 nations. The two-day forum brought together the chiefs of 27 navies in the western Pacific, including U.S. Chief of Naval Operations Mike Gilday. Russia, a member of the biennial gathering, was not invited to this year's event due to its invasion of Ukraine.

<https://asia.nikkei.com/Politics/International-relations/Indo-Pacific/China-joins-naval-forum-in-Japan-after-skipping-fleet-review>

India prohibits Chinese research vessel from entering economic zone, 'will harm rebuilding of trust': experts

Fan Anqi

Global Times, November 7, 2022

The Indian Navy is reportedly planning to stop China's Yuan Wang 6, a research and survey vessel, from entering the country's Exclusive Economic Zone, claiming that the vessel is a "spy ship" sent to the Indian Ocean Region to track India's missile tests. The move is seen by experts as hindering the rebuilding of mutual trust after years of standoff in the countries' border regions. Some Indian media reports over the weekend claimed that China's Yuan Wang 6 entered the Indian Ocean region via the Lombok Straits, and was out to monitor India's scheduled ballistic missile launches off the coast of APJ Kalam Island this month. While foreign vessels, including warships, can freely sail through the economic zone, Indian law forbids

any survey, research or exploration there by a foreign nation without permission, local media Economic Times reported.

<https://www.globaltimes.cn/page/202211/1278936.shtml>

Chinese chip designers slow down processors to dodge US sanctions

Qianer Liu, Ryan McMorrow and Nian Liu

Financial Times, November 7, 2022

Alibaba and start-up Biren Technology are tweaking their most advanced chip designs to reduce processing speeds and avoid US-imposed sanctions aimed at suppressing Chinese computing power. Alibaba, Biren and other Chinese design houses have spent years and millions of dollars creating the blueprints for advanced processors to power the country's next generation of supercomputers, artificial intelligence algorithms and data centres. These are produced offshore by the world's biggest contract chipmaker Taiwan Semiconductor Manufacturing. But sanctions announced by Washington last month that cap the processing power of any semiconductor shipped into China without a licence have thrown a wrench into their ambitions.

<https://www.ft.com/content/7df13a5e-84e8-44af-b0d3-3e3efa6a8671>

China's anti-drone defences to take centre stage at the Zhuhai air show

Minnie Chan

South China Morning Post, November 7, 2022

China's most advanced anti-drone defence systems will be one of the features of the country's leading air show when it gets under way, according to state media. The systems are designed to detect and intercept swarms of unmanned aerial vehicles (UAVs) at low altitudes and combine air-defensive, artificial intelligence and anti-missile technology. They will be on show for the 14th China International Aviation and Aerospace Exhibition, or Airshow China, in the southern coastal city of Zhuhai in Guangdong province. State-owned China Aerospace Science and Industry Corporation (CASIC), the country's biggest missile maker and air-defence developer, said its system, the ZR-1500, integrated early-warning detection, command and control, as well as interception missiles.

<https://www.scmp.com/news/china/military/article/3198637/chinas-anti-drone-defences-take-centre-stage-zhuhai-air-show>

China's J-20 fighter jet to keep receiving upgrades: designer

Liu Xuanzun and Fan Wei in Zhuhai

Global Times, November 7, 2022

China will continue to upgrade the J-20 stealth fighter jet, including deploying the latest artificial intelligence (AI) and cognitive technologies, to make it perform at its best in a combat system, announced the aircraft's chief designer, who also said that the country's warplane makers are well aware of what military enthusiasts want to see. Yang Wei, chief designer of J-20, made the remarks at a press conference held by the state-owned Aviation Industry Corp of China (AVIC) in Zhuhai, South China's Guangdong Province, a day ahead of the start of the Airshow China 2022. It is AVIC's duty to surpass others in terms

of equipment and technologies, Yang said. "When it comes to the future development of China's aviation industry, I think people all know what the country is in need of.

<https://www.globaltimes.cn/page/202211/1278912.shtml>

America's chip controls on China will carry a heavy cost

Financial Times, November 7, 2022

It was less a decoupling and more a rupture. At a stroke last month, Joe Biden did potentially more to sever trade ties between the US and China than Donald Trump ever managed, despite the ex-president's bombast. Controls barring US companies from exporting critical semiconductor manufacturing tools to China mark a further junking of the theory that the US could tame Beijing's geopolitical ambitions through closer trade ties. They are a significant gamble. The measures were unveiled days before China's party congress, when attention was focused on the coronation of Xi Jinping as essentially ruler-for-life of an increasingly authoritarian Fortress China. No matter the intention, it is hard to see how Beijing would view the controls as anything but a provocation, even if Washington is trying to play down fears of a tech cold war.

<https://www.ft.com/content/499b444f-74db-4596-8d89-4520ec3369b8>

China displays next-generation manned rocket for moon landing at Airshow China; craft projected to be maiden flight-ready by 2027

Deng Xiaoci, Fan Wei and Cao Siqi

Global Times, November 8, 2022

While the US NASA is targeting November 14 for the yet another launch attempt for the repeatedly scrubbed Artemis I - the inaugural flight of its ambitious moon and eventually Mars crewed landing, China is showcasing the model of the country's own new-generation manned launch vehicle at the 14th China International Aviation and Aerospace Exhibition in Zhuhai, South China's Guangdong Province with good news on the launcher's latest development. The model of the in-development launcher is standing tall at the China Aerospace Science and Technology Corp (CASC) exhibition area.

<https://www.globaltimes.cn/page/202211/1279010.shtml>

Advanced aircraft, menacing missiles – China's top air show sends a warning to the US

Minnie Chan and Zhang Tong

South China Morning Post, November 8, 2022

An anti-ship hypersonic missile made its public debut as China showcased its latest collection of warplanes and cutting-edge weapons during the opening of its leading air show. The missile is an export version of

China's YJ-21, also known as the Eagle Strike 21 air-launched ballistic missile, which has a combat range of more than 2,000km (1,240 miles). Military experts said the weapon's appearance at the 14th China International Aviation and Aerospace Exhibition, or Airshow China, could be seen as a warning to the United States on Taiwan. Two missiles sporting the designation "2PZD-21" were seen mounted under the wings of an H-6K strategic bomber that landed at Jinwan airport in Zhuhai, the southern coastal city where the biennial air show is being held.

<https://www.scmp.com/news/china/military/article/3198918/advanced-aircraft-menacing-missiles-chinas-top-air-show-sends-warning-us>

White paper details China's wisdom in cyberspace governance, safeguards each country's cyberspace path and interests

Xu Keyue and Cui Fandi

Global Times, November 7, 2022

China issued a white paper on building a community with a shared future in cyberspace, which introduced China's vision of internet development and governance in the new era and its actions, and outlined the prospects for international cooperation. A Chinese cyberspace official stressed that the paper was fundamentally different from the US' proposition on cyberspace, which tries to create division and confrontation through ideology and contain China's development. China's State Council Information Office issued the white paper titled "Jointly Build a Community with a Shared Future in Cyberspace" during a press conference in Beijing, which detailed the achievements of China's internet development and governance practices over the past decade and put forward the Chinese proposition of building a community with a shared future in cyberspace.

<https://www.globaltimes.cn/page/202211/1278957.shtml>

Wang Yi urges mutual respect, common ground and shelving differences at call with Australian FM

Fan Anqi and Wan Hengyi

Global Times, November 8, 2022

China and Australia have far more common interests than differences, Chinese State Councilor and Foreign Minister Wang Yi said in a phone call with Australian Foreign Minister Penny Wong at her request. Both sides have stated that they will continue to make efforts to improve and strengthen China-Australia relations. The talks, coming amid the 50th anniversary of the establishment of diplomatic ties between China and Australia, are crucial in further breaking the ice and letting go of past grudges and creating a positive environment for interactions between the two sides at the upcoming G20 leaders' meeting, experts said, while calling upon Canberra to show more political wisdom and determination to filter out noises from Washington and maintain its own independence in developing ties with China.

<https://www.globaltimes.cn/page/202211/1278986.shtml>

Wuzhen summit kicks off with glaring tech display and focus on building a community with a shared future in cyberspace

Xie Jun and Chi Jingyi

Global Times, November 9, 2022

China kicked off the 2022 World Internet Conference (WIC) Wuzhen Summit in the water town of Wuzhen, East China's Zhejiang Province, as delegates from China's most renowned internet companies and executives from overseas cyber firms gathered again to discuss key topics related to the online industry such as cyberspace governance and industrial digitalization. With the on-site display of tech-backed interactive games and eye-catching technologies, multiple sub forums and a focus on building a community with a shared future in cyberspace, this year's Wuzhen Summit has a lot of familiarities with last year's. But many new highlights are also turning up, such as rising number of applicants and a first-ever cloud exhibition hall for presentation of exhibits all year around, reflecting the growing influence of the summit or, more generally, China's internet industry in the world. Chinese President Xi Jinping sent a congratulatory letter to the summit.

<https://www.globaltimes.cn/page/202211/1279131.shtml>

Taiwan rallies drone makers to prepare military for China threat

Kathrin Hille

Financial Times, November 9, 2022

Taiwan is attempting to build a domestic supply chain within a year for drones that its military could use in a war with China. The strategy is part of President Tsai Ing-wen's effort to make the armed forces focus on an increasingly pressing threat from Beijing, whose regular long-range military drone missions against Taiwan since August have given her push greater impetus. China claims Taiwan as part of its territory, and President Xi Jinping vowed last month to "never renounce the use of force" to bring the country under Beijing's control.

<https://www.ft.com/content/ec221278-127e-40d4-859e-9f2408bf3f7e>

US hypocritical to worry about nuclear war while fueling proliferation

Global Times, November 9, 2022

The US and Russia have agreed to hold talks on resuming inspections under the New START nuclear arms reduction treaty in the near future, according to US State Department spokesperson Ned Price. The treaty is the single existing one between the two major powers which limits all deployed intercontinental-range nuclear weapons by the two. In August this year, Russia temporarily suspended on-site US inspections of its strategic nuclear weapons, citing reasons that US sanctions imposed on Russia over Ukraine had changed conditions between the countries. The US is the largest nuclear power in the world and should bear the main responsibility for nuclear non-proliferation. Since it often touts about the West-centric world order, it should bear its due share of responsibility when enjoying the power brought about by that order.

<https://www.globaltimes.cn/page/202211/1279150.shtml>

Germany blocks Chinese stake in 2 chipmakers on security fears

Nikkei Asia, November 10, 2022

The German government on Wednesday blocked prospective Chinese investment in two domestic semiconductor producers after the moves raised concerns over national security and the flow of sensitive technological know-how to Beijing. The government said it had vetoed the takeover of the chip factory of the Dortmund-based company Elmos by Silex, a Swedish company that is a subsidiary of Chinese group Sai Microelectronics. Berlin also blocked investment in ERS Electronic, which is based in the southern state of Bavaria, government sources told Reuters. A spokesperson for ERS Electronic said there was no plans to sell the company but it had been exploring the option of getting investment from a Chinese private equity firm. The decisions came at a time of heightened sensitivity around relations between Berlin and Beijing.

<https://asia.nikkei.com/Business/Tech/Semiconductors/Germany-blocks-Chinese-stake-in-2-chipmakers-on-security-fears>

China displays powerful space monitoring radar for first time at Airshow China

Cao Siqi, Liu Xuanzun and Ma Jun in Zhuhai

Global Times, November 10, 2022

China's leading radar developer exhibited a giant space monitoring radar, which is believed to be the "most powerful radar," at this year's Airshow China. It's about 10 meters high, and it attracted wide attention not only from military enthusiasts but also from foreign visitors. Standing out in the pavilion and recognizable for its huge and spectacular array of antennas, the SLC-18 space surveillance active phased array radar, developed by the No.14 Research Institute of CETC (China Electronics Technology Group Corp), was exhibited for the first time. With the development of low-Earth orbit (LEO) satellite technology, satellites mainly used for information collection and battlefield reconnaissance have gradually become core equipment for modern, powerful countries to obtain remote information.

<https://www.globaltimes.cn/page/202211/1279233.shtml>

Foxconn to keep expanding in China despite Covid disruption

Kathrin Hille

Financial Times, November 10, 2022

Foxconn, the world's largest contract electronics manufacturer, has said the bulk of its spending on production facilities will continue to be in China, despite the major disruptions at its plants caused by Beijing's zero-Covid policy. Foxconn chair Liu Young-way told investors during an earnings call on Thursday that the recent upheaval at its 200,000-strong factory complex in Zhengzhou, where Apple's iPhones are made, was a crisis created by the pandemic. A Covid-19 outbreak at the facility led to some workers scaling fences and walking home. The hit to iPhone production forced a rare warning from Apple

this week of lower iPhone 14 Pro and iPhone 14 Pro Max shipments, as well as longer wait times for customers to receive their products.

<https://www.ft.com/content/9d4487d5-7746-49d0-bef6-6097ae9e27a6>

Global chip giants step up presence in Chinese market, defying US coercion

Global Times, November 10, 2022

Global companies in the integrated circuit (IC) sector continued to rush to display their latest technologies at the 5th China International Import Expo (CIIE) in Shanghai, where a designated display zone was set up for ICs for the second consecutive year, underscoring growing foreign firms' confidence in China's IC market despite the US' strengthened blockade and calls for decoupling. Top chip giants, including Qualcomm, AMD and ASML, all had a presence at the CIIE this year. Newcomers like Japanese Renesas Electronics, one of the world's top 10 chip suppliers, also joined in, vowing to step up investment and stick to long-term development in the world's second-largest economy.

<https://www.globaltimes.cn/page/202211/1279232.shtml>

With or without Xi Jinping, U.S.-China rivalry is here to stay

Nikkei Asia, November 10, 2022

When Xi Jinping became head of the Chinese Communist Party a decade ago, he ushered in a new era of foreign policy by jettisoning a key dictum of late leader Deng Xiaoping that had guided Beijing's grand strategy for more than two decades. Deng, China's top leader through the 1980s, had advised his countrymen to "hide your strength and bide your time." In place of this approach, Xi proclaimed a "Chinese dream" of restoring the nation's past glory and position at the top of the hierarchy of nations. During his first year in power, Xi ordered the building of large artificial islands on disputed reefs in the South China Sea, established an air defense identification zone in the East China Sea that required all aircraft passing through to report their flight plans, and launched what would become the Belt and Road Initiative.

<https://asia.nikkei.com/Opinion/With-or-without-Xi-Jinping-U.S.-China-rivalry-is-here-to-stay>

*Sylloge on China is compiled by Mr. Niranjana C. Oak with inputs
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