

FOUNDER & PUBLISHER Kowie Geldenhuys

■ ■ MacauDaily 澳門每日時報®

EDITOR-IN-CHIEF Paulo Coutinho

www.macaudailytimes.com.mo

WEDNESDAY T. 25% 30° Air Quality Good 02 Jun 2021

"THE TIMES THEY ARE A-CHANGIN"

BODY OF MISSING PJ INSPECTOR FOUND BY HIS FAMILY IN HIS **CAR IN A PARKING SPACE NEAR SAIVAN LAKE**

P4

COVID-19: WALK-IN VACCINATION STARTS TODAY AS AUTHORITIES PUSH FOR BUMP IN INOCULATION

A WORLDWIDE EVENT TARGETING **HEALTH AWARENESS WILL RETURN** TO MACAU THIS MONTH WITH FOCUS ON MENTAL HEALTH

www.rcr-macau.com



China A man in eastern China has contracted what might be the world's first human case of the H10N3 strain of bird flu, but the risk of large-scale spread is low, the government said yesterday. The 41-year-old man in Jiangsu province, northwest of Shanghai, was hospitalized April 28 and is in stable condition, the National Health Commission said on its website. No human case of H10N3 has been reported elsewhere, the commission said.

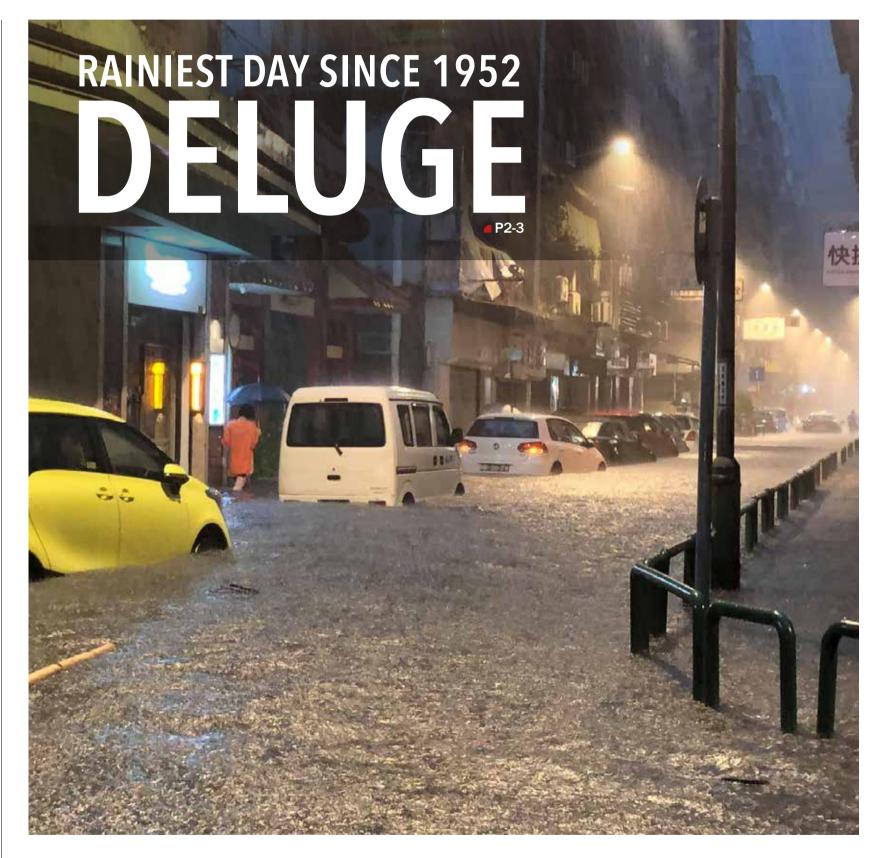


Philippines President Rodrigo Duterte, in televised remarks, rejected full public disclosure of details of his administration's deadly anti-drug crackdown. He said that divulging confidential information like intelligence about suspects used by law enforcers for drug raids could undermine his administration's campaign against criminality. Duterte has long faced demands from human rights groups to open up police records about the drug killings for scrutiny and for him to agree to an international investigation, a call he has steadfastly rejected.



New Zealand announced yesterday it was the latest country to sign a space agreement with NASA, just as New Zealand's nascent space industry begins to take off. New Zealand became the eleventh signatory to the Artemis Accords, a blueprint for space cooperation and supporting the U.S. space $\,$ agency's plans to return humans to the moon by 2024 and to launch a historic human mission to Mars.

More on backpage



GAMING

MAY GGR SURGES 490%, **BEATING ANALYSTS' EXPECTATIONS**



NEW CASES IN NEIGHBORING CITIES AFFECTING TOURISM, BUT **HOPEFULLY NOT HEALTH: GOV'T**



CE blames 'unpredictable' weather conditions

■ MacauDaily 澳門每日時報。

RENATO MARQUES

HE Chief Executive (CE), Ho Iat Seng, blames the unpredictable weather conditions for the flooding that occurred during the early hours yesterday in several parts of the city, especially in low-lying

Speaking to the media on the sidelines of the official inauguration of the revamped Macau Grand Prix Museum, the CE said that the government is doing everything in its capacity to prevent severe flooding and thereby prevent the major damage and material losses to people's lives caused by these unpredictable events.

Questioned by the media on the topic, the CE said, "We took

all possible measures to prevent risks [including] the suspension of [school] classes. But we know that it is impossible to quickly remove all the [flood] water because of weather conditions." He further added, "It started raining heavily [in] the early hours [yesterday] and it has [rained] severely and uninterruptedly until mid-morning. This caused some inconvenience to the [public] - we know about

The CE also added that the flooding was caused by heavy rain associated with tides occurring on the 1st and 15th day of the month, noting that he had been in contact with the Meteorological and Geophysics Bureau (SMG) who explained that the quantity of rainfall was impossible to predict in



June 4 Vigil: Taboo topic for CE

QUESTIONED by the media on his opinion about the cancellation of this year's candlelight vigil to commemorate those who fell during the June 4, 1989 protests at Beijing's Tiananmen Square, the Chief Executive (CE), Ho lat Seng said that he would not comment on the matter

The CE said initially, "I do not wish to make any comments on that topic since the case is now under a court appeal." When guestioned on how he feels about the matter in general, he reiterated, "I won't make any comments on this matter."

advance.

"Unlike a typhoon, for which we can predict a track or route, the rainfall is different and we can only know [the rainfall levels] when it is already happening," the CE said.

According to him, the SMG has also issued warnings, but, "since at [the time of issuing the warning] most people might already be resting, some of them may not immediately be aware of the situation."

Questioned on the alleged failure of new infrastructure built by the government to reduce flooding in the Inner Harbor area, the CE responded, "This is new infrastructure that is still being tested



REVAMPED GP MUSEUM OFFICIALLY INAUGURATED

RENATO MARQUES

THE newly revamped Macau **▲** Grand Prix (GP) Museum was officially inaugurated yesterday at an event attended by the Chief Executive, Ho Iat Seng, the Secretary for Economy and Finance, Lei Wai Nong, and the director of the Macao Government Tourism Office (MGTO), Maria Helena de Senna Fernandes.

In the officiating ceremony speech, Senna Fernandes highlighted the fact that the new GP Museum is not just an or-

dinary museum, but one that merges and integrates history, sports, science, technology, culture, and creativity under the same roof, and provides a barrier-free environment designed to facilitate access for visitors with special needs.

For the director of MGTO, the expanded GP Museum area is now six times larger and has the capacity to "deliver an inclusive experience of educational entertainment, leisure and learning for all." She added that the museum is soon expected to add a range of activities mainly focused on providing "parent-and-child interactive workshops and other activities to elevate the 'tourism + sport' synergy."

Now officially open, the museum will be included in promotions held by the MGTO to attract more tourists to Macau. According to Senna Fernandes, its addition to promotional activities will be a very valuable attraction.

From June 1, the GP Museum will be open to visitors every day except Tuesdays. Visitors can attend during one of three time--slots during the trial period as part of anti-pandemic prevention measures and guidelines.

As part of these measures, visitors must book and select their preferred time slot at from one day to one month in advance of their visit.

During her speech, Senna Fernandes also expressed her wish that "when the pandemic is finally under control, we can finally invite visitors from all over the world to experience this new space in Macau."

COVID-19

Walk-in vaccination STARTS TODAY

LYNZY VALLES

TROM today, the Γ local public will be able to receive the Covid-19 vaccine without making an online appointment on the Health Bureau's (SSM) designated platform.

public authorities urged residents to get inoculated following outbreaks in neighboring cities and the first case of the Indian variant in Macau recorded last week.

In a recent statement from the Novel Coronavirus Response and Coordination Centre, it noted that

the new case reveals that Macau is under the "potential threat of infection with the new type of coronavirus." The center then urged all residents who have not been vaccinated to receive their vaccines as soon as possible.

Both residents and This comes after non-residents will now be able to register for vaccination at their desired vaccination point on the same day.

However, there will be a quota of vaccine per day in each station.

SSM director Dr. Alvis Lo previously implied that the surge of cases in the community in Guangzhou and Shenzhen, as well as a new outbreak in Taiwan, should prompt residents to complete the vaccination process as soon as possible.

As of 4 p.m. yesterday, a total of 177,950 Covid-19 vaccines had been administered in Macau, according to statistics provided by the center.

A total of 112,559 individuals in the city were categorised as having received a vaccination against Covid-19. Of those, 46,390 people had received a first dose only, and 66,169 had received two doses of vaccine.

www.macaudailytimes.com.mo

REACHING OUT!

+20.500

Like us on facebook.com/mdtimes



nuDaily 澳門每目時報。 DIRECTOR & EDITOR-IN-CHIEF_Paulo Coutinho paulocoutinho@macaudailytimes.com ASSISTANT EDITOR_Lynzy Valles SENIOR WRITER_Honey Tsang CONTRIBUTING EDITORS Leanda Lee, Severo Portela, Sheyla Zandona

NEWSROOM AND CONTRIBUTORS_Albano Martins, Annabel Jackson, Anthony Lam, Emilie Tran, Irene Sam, Ivo Carneiro de Sousa, Jacky I.F. Cheong, Jenny Lao-Phillips, João Palla Martins, Joseph Cheung, Juliet Risdon, Linda Kennedy, Paulo Cordeiro de Sousa, Renato Marques, Richard Whitfield, Viviana Segui DESIGNERS_Eva Bucho, Miguel Bandeira | ASSOCIATE CONTRIBUTORS_JML Property, MdME Lawyers

PokerStars, Ruan Du Toit Bester | NEWS AGENCIES_ Associated Press, Bloomberg, MacauHub, MacauNews, Xinhua

SEND NEWSWORTHY INFORMATION AND PRESS RELEASES TO: NEWSROOM@MACAUDAILYTIMES.COM WEBSITE: WWW.MACAUDAILYTIMES.COM.MO

A MACAU TIMES PUBLICATIONS LTD PUBLICATION

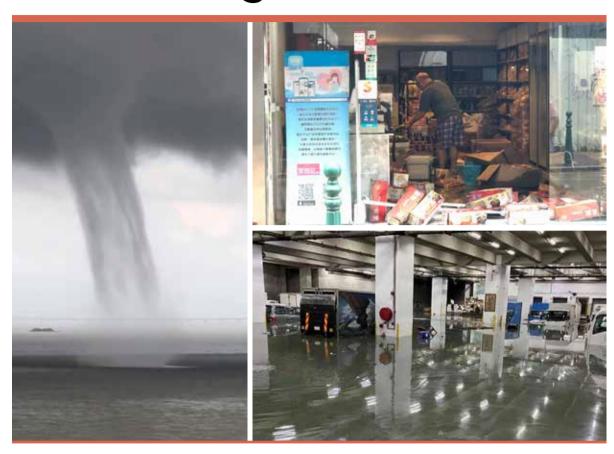
ADMINISTRATOR & CHIEF EXECUTIVE OFFICER

OFFICE MANAGER Juliana Cheang ADDRESS Av. da Praia Grande, 599, Edif, Comercial Rodrigues, 12 Floor C. MACAU SAR **Telephones**: +853 287 160 81/2 Fax: +853 287 160 84

For subscription and general issues: s.com | Printed at Welfare Printing Ltd



for flooding



and requires adjustments [and is therefore not fully functional]. In situations of normal rain, this can solve the problem, but the rain of this morning was very intense. The services are already taking care of that matter and adjusting the system."

Regarding the functionality of the system, the CE reaffirmed, "I am absolutely sure that to have this [rainwater drainage] system is better than nothing."

Also questioned on the fact that Macau is now entering peak tropical storm season, the CE remarked that the services are well aware and preparing for the possibility of between five to six typhoons affecting the region this year.

"We are preparing to safeguard the livelihood and assets of the population as much as possible. A few days ago, we conducted a drill to increase the operationality and practice for several situations so people are well prepared. From the government's side, I can guarantee that we will do everything possible," he concluded.

Yesterday morning, many residents complained and expressed dissatisfaction via social media about the flooding, with some showing photos and video footage of flooded streets, car parks, and basement areas, as well as shops and other commercial venues with a significant quantity of floodwater.

The Public Security Police Force also issued warnings concerning several cases of falling objects, including wall tiles and concrete pieces from buildings across the city and with special emphasis on the buildings located on the old parts of the city.

Lawmaker Sulu Sou also publicly expressed discontent, saying that the government "keeps making the same mistakes" by not being able to warn the population about severe weather conditions, "causing continuous damage to citizens' property."

Rainiest day since 1952

Macau saw its rainiest day yesterday (June 1) since 1952. At 5 a.m. yesterday, SMG issued a black rainstorm warning which was later replaced with red and yellow warnings, while the thunderstorm warning was up all day.

Up to 5 p.m., Meteorological and Geophysical Bureau's (SMG) Fortaleza do Monte station recorded 400 millimeters of rainfall: the highest recorded in the city. The second highest volume of hourly rainfall was recorded at 119 millimeters, surpassed only by a record of 125 millimeters in 1964.

Due to the heavy rain and floods in low-lying areas, the government suspended morning classes for secondary students, while classes for students in pre-school, primary and special education levels were suspended all day.

At least two landslides were reported, with firefighters being called to rescue three people who were stranded at home after the door to the house was blocked due to a landslide. LV

COVID-19

New cases in neighboring cities affecting tourism, but hopefully not health: Gov't

RENATO MARQUES

THE new cases of Co-**⊥** vid-19 infections reported over the last few days in the neighboring cities of Guangzhou, Foshan, and Shenzhen are already having an impact on the tourism industry's recovery, but that impact will hopefully not extend to imperiling the health of residents, government officials said yesterday on the sidelines of the inauguration of the revamped Grand Prix Museum.

Macao Government Tourism Office (MGTO) director, Maria Helena de Senna Fernandes, remarked upon the immediate impact of these cases on local visitor numbers.

"Over the last two days, we have noted an immediate drop in visitor arrival figures. Two days ago [on Sunday], the entry number was only 16,000 and yesterday [Monday] it was about 20,000. If we compare [these figures] to the



ones registered over the month of May, which was between 25,000 to 30,000 people per day, we can observe the immediacy of the impact," Senna Fernandes explained, further noting that the solution to kee-

ping the tourist industry moving is to attract visitors from other provinces who can stay longer in Macau.

"Although Guangdong residents account for a large portion of the visitors [to Macau], their average length of stay is very short when compared to other provinces. This is why we are focusing our [promotion] work on other provinces. These are the people that stay between three to five nights," she added, justifying the recent promotion activities that MGTO has been hosting through the "Macao Weeks" in several provinces in the mainland.

On the same topic, the Chief Executive (CE), Ho Iat Seng, noted that there is a mechanism in force that allows local authorities to immediately enforce a 14-day quarantine period for people arriving from affected areas as soon as an outbreak happens.

"I have complete trust in the Guangdong authorities that they are investigating the cases [of Covid-19] closely and carefully and I am very confident that they will quickly tackle the problem and control the situation," Ho said. To safeguard everyone, including the people in Macau, he noted that the residents from affected areas of Guangdong province, "now have a yellow health code and this means they cannot go out. So, I think we are protected enough on that front."

The CE took the opportunity to urge the population to get vaccinated against Covid-19.

"We know that there are more people showing interest [in being vaccinated] now, but I urge them to get the vaccine as soon as possible because while we have been able to secure enough stocks for now, we are not certain about the future. In the future, vaccine stocks might be difficult to secure and guarantee to people, so we better not waste the ones we have now," the CE remarked.

Ho refuted the idea that the government was planning to make the vaccine mandatory for all civil servants, saying, "We won't do that. We can't force anyone. I am making a call for people to get vaccinated but nothing has changed and we cannot force people on such individual and personal decisions."



WELLNESS EVENT RETURNS WITH FOCUS ON MENTAL HEALTH

ANTHONY LAM

Aworldwide event targeting health awareness will return to Macau in the middle of this month with this year's focus being mental health, Cintia Martins, co-organizer of the event, announced yesterday.

The event is known as the Global Wellness Day (GWD). It has seen previous editions held at the St Regis Hotel. This year, it will be relocated to the Macau Tower Amusement Area with more events on its program than previous editions.

"According to the WHO, one of the top health problems in the world is depression, an affliction that is linked to sleeplessness, stress and obesity," the organizing committee noted at a press conference. "The focus of this year has been entitled as protecting our mental wellness."

The program will include sports activities, such as aerial silks, Zumba dance, pilates and stretching; workshops such as kombucha making, nut milk making; as well as lifestyle activities, such as aromatherapies and massages.

When questioned how the lo-



cal version of the worldwide event will embody this year's goal of mental health awareness, Martins revealed that there will be sessions of seminar talked by a life coach, among other speakers, on the topic. Details on the seminar sessions have not yet been confirmed so it will only be announced in due

This year, at the GWD Macau, local companies will be offering the community a handful of free experiences such as farming, massage and game zones. The organizing committee aims to make the

event a family-friendly occasion.

Meanwhile, it also aims to collaborate with local small and medium sized enterprises by providing them a location to expose their business and create a business network platform related to health and wellness.

Participation in most of the events this year is free-of-charge. Martins stressed that interested individuals can simply walk-in to the main event and most activities on the day. However, in order to achieve better flow control, registration is required for workshops as there are limited spaces. There will also be "a lot of events" catering to parents and children.

This year, the event has seven goals, which the brand referred to as "seven steps to better wellness." They include drink more water, walk for an hour, shop locally and eat organically, stop using plastic bottles, do a good deed, eat a family dinner and go to bed at 10 p.m..

The GWD, which is said to be a non-profit project, was created in Turkey in 2011. Its global entity, the Global Wellness Institute, noted that the world has 10% of its population live with a mental health disorder. It finds necessary steps to protect mental health crucial.

This year's event will be held at the Macau Tower on June 12 from 10 a.m. to 6 p.m..

The GWD Macau is held be Mana for People, of which Mana-Vida is a core movement. It focuses on building social and physical awareness, by empowering individuals within all ages and communities as well as charities, and corporations.

AD 🖿



Francisco Pinto Fraústo de Mascarenhas Gaivão

With great sadness, Family and Friends announce the loss of Francisco Pinto Fraústo de Mascarenhas Gaivão. A Funeral Mass will be held today, June 2, 2021, at 7 p.m. at the Casa Mortuária Diocesana de Macau, Av. do Almirante Lacerda, 196, Macau.

BODY OF MISSING INSPECTOR FOUND IN PARKED CAR IN SAI VAN

N Monday, the Judiciary Police (PJ) found the body of an inspector reported missing by his family in his car parked in a parking space near Sai Van Lake.

The family of the inspector notified the PJ that he was missing earlier that day. According to a statement from the PJ, the family reported that they had lost contact with the man.

The PJ later discovered

the inspector's car near Sai Van Lake, and upon further investigation found the body of the inspector, along with charcoal, a stove, and a suicide note in the car.

Preliminary investigations by the PJ suggest death by suicide for personal reasons.

Post-mortem analyses found no signs that the cause of death was criminally related; however, the PJ stated that it would continue to investigate the case. The late inspector was named Cheng and aged 47 years.

The Social Welfare Bureau (IAS) encourages residents to be conscious of their psychological and emotional state as well as those of their relatives and friends. If in need, residents can call the Caritas' Life Hope hotline (28525222) or IAS' counseling hotline (28261126). AL





GAMING

May GGR surges 492% y-o-y, beating analysts' expectations

LYNZY VALLES

HE city's gross gaming revenue (GGR) for May has surpassed the expectations of analysts as tourists from mainland China recorded a surge over the Golden Week holiday.

According to data from the Gaming Inspection and Coordination Bureau (DICJ), GGR surged 492% in May to MOP10.4 billion - beating the median analyst estimate of a 467% increase year-on-year.

The accumulated revenue in the first four months of this year reached MOP42.487 billion, an upturn of 28.7% year-on-year.

From May 1 to 5, the SAR welcomed 167,000 tourists, with the average daily tourist tally reaching as high as 33,000.

The arrivals also exceeded the forecast of the Macao Government Tourism Office (MGTO) as the bureau only expected to see some 30,000 arrivals per day.

In comparison, the daily traveler number was 158.2% higher than during the Spring Festival Golden Week holiday this year and 25.4% more than in April.

Due to the rebound in tourist arrivals in May, some analysts expect that the number of travelers during the five-day May Day holiday from May 1 to 5 is expected to reach 40-50% of 2019 levels (also considered pre-pandemic levels), according JP Morgan.

The brokerage predicted that the GGR daily run-rate would be between MOP400 and MOP500 million during the holiday, compared to over MOP1 billion during the same period in 2019.

Following the Golden Week



million a day – 10% lower than the previous month, according to Credit Suisse analysts.

This month's revenue increased 24% from the previous month, but is still down 60% from pre-pandemic levels in May 2019.

Since February this year, the monthly gaming revenue has grown year-on-year. In April, monthly gaming revenue soared 1,014.4% year-on-year.

The city's GGR saw a year-on--year decrease in 2020 due to the impact of Covid-19 and resulting travel restrictions to the SAR. Borders have been closed to non-China residents since March last year.

Until now, the government holiday, the city's gaming reve- has been ramping up efforts nue dropped to around MOP250 to promote the city as a safe

and healthy travel destination, through hosting "Macao Week" in different Chinese cities.

Kicking off tomorrow, the "Macao Week in Shanghai" roadshow will present a series of promotions in a bid to attract visitors to visit the SAR.

However, tourism in the city has been affected by Covid-19 outbreaks in the neighboring

cities of Guangzhou, Foshan and Shenzhen, with the number of recent tourist arrivals already seeing a drop.

The MGTO chief Maria Helena de Senna Fernandes noted yesterday that visitor arrivals on Sunday and Monday were 16,000 and 20,000 respectively - lower than the average 25,000 to 30,000 arrivals in May.

MONTHLY GROSS GAMING REVENUE

			UNITS IN MOP MILLION
May	10,445	1,764	+492.2%
Apr	8,401	754	+1014.4%
Mar	8,306	5,257	+58.0%
Feb	7,312	3,104	+135.6%
Jan	8,024	22,126	-63.7%
	2021	2020	Variance

CRIME

PJ ARRESTS 56 PEOPLE IN ANTI-PROSTITUTION OPERATION

THE Judiciary Police (PJ) conducted a special operation yesterday, busting an illegal sex work syndicate and arresting 56 men and women. The PJ identified connections between the syndicate and a street fight that took place in January.

According to the PJ, it

became aware of reports of women disturbing pedestrians in Iao Hon District in January this year, and received tips from residents and the Neighborhood Association about alleged sex-work in the district.

The PJ later discovered that there was a procurement syndicate in the district. The syndicate was found to be run by Vietnamese and operating at a relatively large scale with a clear organizational structure and division of labor.

Investigations by the police found that the group had existed for about a year, offering rented apartments to Vietnamese women for sex work. The bosses of the group would retain MOP300 to MOP500 each day for rent, service and guardianship charges, and instructed the women to look for interested clients. Each time they

would receive MOP150 to MOP200.

A total of 23 men and 33 women, were arrested, aged between 28 and 70 years. Of those who were arrested, 44 were Vietnamese, three were locals, one was a Hong Kong resident and eight were from mainland China. AL

TAXI DRIVER **ACCUSES PJ OFFICERS OF MISCONDUCT**

A taxi driver has called a radio show to complain about allegedly being harassed by two Judiciary Police officers who were passengers in his vehicle several nights ago. The taxi driver alleged that the two self-reported officers harassed the driver during the ride because the driver could not recall the officers' destination. The driver then drove to a police station where his two police passengers asked the officers on duty to impound the taxi. The taxi driver said the incident was handled at the side door of the station rather than at the reporting

WYNN TO HOST **VACCINATION OUTREACH** STATION AT COTAI **PROPERTY**

On June 15 and 16, gambling concessionaire Wynn will host a Covid-19 vaccination outreach program at its Cotai property, the Wynn Palace. The program will allow employees and their family members to receive vaccinations. On June 8 and 9, the resort operator will also host seminars on the vaccine. The seminars will feature Dr. Tai Wa Hou, medical director of the government hospital and vaccination program coordinator, who will deliver a talk on Covid-19 vaccinations to employees of Wynn Macau and Wynn Palace. The resort operator will provide fully vaccinated employees with two days of special leave.

MISTREATMENT OF NATIONAL FLAG MAY RESULT IN

The government has clarified the penalties in the amendment to the National Flag, Emblem and Anthem Law. In the proposal, the inversion or reckless disposal of the national flag may result in a fine ranging between MOP2,000 and MOP10,000 The government said that the definition of "reckless disposal" will be clarified by executive regulations once the bill is passed. It will also clarify the permissibility of tilting the national flag where an upright presentation is not possible in certain situations.



■ MacauDaily 澳門每日時報。

XINHUA FOCUS

CHINA TO STRENGTHEN ORIGINAL INNOVATION IN SCI-TECH DEVELOPMENT

THINA has devoted growing re-✓ sources to basic research and original innovation in recent years, in the hope of cultivating a driving force for economic growth and improving people's living standards.

The Chinese leadership has recently called for accelerated efforts to build China into a leader in science and technology, and achieve self-reliance and self-improvement in sci-tech at higher levels.

Chinese researchers, hi-tech enterprises and local governments are together actively striving to strengthen original innovation.

China's spending on basic research during the 14th Five-Year Plan period (2021-2025) will likely reach a record 8 percent of all research and development (R&D) expenditure, according to the Ministry of Science and Technology.

China's spending on basic research hit 133.6 billion yuan (about USD20.4 billion) in 2019, accounting for over 6 percent of total R&D expenditure. It is estimated that spending in 2020 exceeded 150 billion yuan.

TARGET INNOVATION **FRONTIERS**

Professor Deng Ning, vice director of Tsinghua University's hi-tech laboratory, has been making plans for an artificial intelligence (AI) research institution, which was initiated last October to explore the frontiers of AI research and make breakthroughs in key technologies.

He also participated in the establishment of the Beijing Academy of Quantum Information Sciences, an R&D institution initiated by the Beijing municipal government in 2017 and jointly built by many top academic institutions in Beijing.

The academy aims to be at the global forefront of quantum physics and quantum information science. Its superconducting quantum computing team made a major breakthrough in May, im-



proving the decoherence time of superconducting qubits.

"We attach great importance to institutional innovation and high-level engineer and research team building. By taking a problem-oriented approach, we set up teams to overcome challenges," said Deng.

Professor Wang Zenghui from the Institute of Fundamental and Frontier Sciences at the University of Electronic Science and Technology of China is an expert on nanodevices and nanomaterials.

He said that science and technology development is the primary productive force, cultivation provides major talent resources, and innovation is a crucial driving force. The combination of the three can help achieve sci-tech self-reliance and self-improvement at higher levels.

INNOVATION APPLICATION

Initiated in 2013, Orbbec Technology is a leading company in 3D vision perception technology and has achieved many zero-to-one innovations.

Its founder and chairman Huang Yuanhao said 3D vision perception is a key and basic technology in the era of AI and the Internet of Things, involving core technologies such as imaging chips, computing chips and micro-nano optics. It is a bottleneck for the development of many other technologies and industries.

"We will work with research institutions and enterprises upstream and downstream to strengthen weak parts of our industry chains, and achieve breakthroughs in photosensitive chips, core algorithms, sensors and other key technologies," said Huang.

Zhou Shiying, vice director of the Intelligent Connected Vehicle Development Institute, affiliated to China FAW Group Corporation, said that as a terminal enterprise facing the market and users, the company should establish a sci-tech system and product development network for intelligent and connected vehi-

cles, featuring multidisciplinary integration and innovation such as collaborative chips, AI and communication.

In this way, key and core technologies can help build independent industry and supply chains, Zhou added.

DEVELOPMENT ZONE

The Chinese leadership has also called for enhancing the overall efficacy of the national innovation system, calling on national laboratories, national scientific research institutions, high-caliber research-oriented universities and leading sci-tech enterprises to shoulder their responsibilities in the drive.

The reform of the sci-tech system has been highlighted to work toward a basic system supporting innovation in all aspects.

The combination of and concentration on basic research, innovation and industrial application are crucial to developing robust and innovative industries. The development zones built and managed by local governments have played an important

Optics Valley, or the East Lake High-tech Development Zone, in Wuhan of central China's Hubei Province, is well known for its optoelectronic industry chain which attracts global enterprises in the optical fiber, integrated chip and display screen fields.

"For more than 30 years, the development zone has been taking innovation as the key to success in its construction and development," said Wang Xiangwang, the development zone's Party chief.

Wang noted that the development zone plans to build the East Lake Science City, which will include five laboratories, nine large-scale scientific facilities and nine innovation centers. A world-class science city will be fully operational in the development zone in 2035, featuring robust innovation in science and technology. XINHUA

Poland: Huawei ex-exec, expert accused of spying for China

THE trial opened in a ■ Warsaw court yesterday of two men accused of spying for China — a Chinese citizen who is a former director of Huawei in Poland and a Polish cybersecurity expert.

The men, Weijing Wang and Piotr Durbajlo, who have both pleaded not guilty, were in court at the start of the trial vesterday mor-

Prosecutors requested that the trial be held in secret due to the classified nature of some of the evidence. Though Wang and Durbajlo objected, the court agreed, citing state interests, and journalists were asked to leave.

Wang and Durbajlo were arrested by Polish authorities in January 2019 and accused of spying for China under the cover of seeking business deals for China's technology giant Huawei.

Wang has been in custody since his arrest.

Durbajlo, a former cybersecurity expert for government agencies including the Internal Security Agency, has been released on bail.

According to the Gazeta Wyborcza daily, the indictment is partly classified,

but its public section alleges that Wang is a Chinese intelligence agent and from 2011-2019 sought high-ranking contracts for Huawei that would give the Chinese company insight into, and influence over, Poland's state and local administration data systems.

He studied in Poland and later served at the Chinese Consulate in Gdansk before moving over to a senior position at Huawei. He is also known by a Polish first name, Stanislaw.

The Pole is suspected of helping him establish contacts and providing him with documents.

If convicted, they face a minimum of three years in prison.

Their trial is expected to take months and there is no date yet for the final

Their arrests came at a time when the U.S. was exerting pressure on its allies not to use Huawei over data security concer-

The company has been blocked in the U.S. since 2012 over fears that its equipment is a security risk, and in 2018 Australia, New Zealand and Japan instituted their own bans against using Huawei. MDT/AP



Court rejects Yang Hengjun's torture claim in trial

Chinese government 2 rejected an Australian writer's complaint that he was tortured during interrogation before being put on trial on spying charges.

The Foreign Ministry spokesperson also accused Australia of "unfounded provocation" after its foreign minister said Yang Hengjun's incarceration since January 2019 was arbitrary detention.

"There is no arbitrary detention or forced confession with torture on Yang Jun," said spokesperson Wang Wenbin, referring to Yang by the name used by Chinese officials.

"We advise the Australian side to stop finger-pointing and unfound provocation against China's rule of law, stop hyping the issue or exerting pressures to grossly interfere with China's judicial sovereignty," Wang said.

The case has added to strains in Chinese-Australian relations that are at their chilliest in decades following disputes over technology, security and the co-



ronavirus.

Yang, a crime novelist and blogger, said he asked the judge ahead of his trial last week to exclude records of his interrogation because he was tortured, according to a copy of his account seen by The Associated Press.

"It's illegal. Torture," Yang said in the account circulated to his supporters. He didn't say how the judge responded.

The court held a closed trial

on Thursday and gave no indication of when a verdict would be released.

Chinese authorities have not released any details of the charges against Yang, who reportedly formerly worked for the country's Ministry of State Security as an intelligence agent.

Yang said the judge refused his request to submit evidence and call witnesses during the trial, but agreed to include almost 100 pages of defense documents in his file.

Yang has denied the allegations. A conviction is virtually

Chinese law prohibits use of confessions forced by torture or threats.

Yang's account said he was "tired and confused" during the hearing and "didn't have the spirit to speak enough." He said he spoke for less than five minutes in

his own defense, but that the hearing "gave me a sense that things are OK."

Possible penalties range from three years in prison to the death penalty.

Beijing has blocked imports of Australian beef, wine, coal and other goods in retaliation for enacting legislation against foreign interference in politics, excluding telecom equipment giant Huawei from Australia's next--generation phone network and calling for an investigation into the origin of the coronavirus that emerged in China in late 2019.

Australia warned its citizens of a risk of arbitrary detention in China in July 2020.

Australian diplomats have visited Yang in detention, but Ambassador Graham Fletcher was denied entry to last week's trial.

In September, reporters Michael Smith of the Australian Financial Review and Bill Birtles of the Australian Broadcasting Corp. left China following demands by police to question them. That left Australian news outlets without any reporters in China.

Before their departure, Chinese police questioned both journalists about Australian citizen Cheng Lei, a business news anchor for CGTN, the English-language news channel of Chinese state television, who was detained a month earlier. MDT/AP



Mobile: +351 917921 320 Praça de Gouvães, apartado 20, 5085-242 Gouvães do Douro, Sabrosa CASA DE GOUVÂES - DOURO - PORTUGAL

The houses are set

















in the heart of the World Heritage Site of the Douro Valley and its ramous winery landscape where the worlds Ports are produced. Both restored relics overlooking the Rio Douro, these eight rooms houses have been blessed with gorgeous wooden floors, plush queen beds and marble baths; the best have dazzling river views. But it is the welcome that makes this place

stand out from the crowd.



Casa de Gouvães











visit us at www.casadegouvaes.com



Mons. Filippo Iannone (right) and Mons. Juan Ignacio Arrieta Ochoa de Chinchetru at a press briefing in the Church's Canon law yesterday

Vatican law criminalizes abuse of adults by priests, laity

NICOLE WINFIELD, VATICAN CITY

OPE Francis has changed church law to explicitly criminalize the sexual abuse of adults by priests who abuse their authority, and to say that laypeople who hold church office can be sanctioned for similar sex crimes.

The new provisions, released yesterday after 14 years of study, were contained in the revised criminal law section of the Vatican's Code of Canon Law, the in-house legal system that covers the 1.3 billion-strong Catholic Church.

The most significant changes are contained in two articles, 1395 and 1398, which aim to address major shortcomings in the church's handling of sexual abuse. The law recognizes that adults, too, can be victimized by priests who abuse their authority over them, and said that laypeople in church offices, such as school principals or parish economists, can be punished for abusing minors as well as adults.

The Vatican also criminalized the "grooming" of minors or vulnerable adults by priests to compel them

to engage in pornography. It's the first time church law has officially recognized as criminal the method used by sexual predators to build relationships with their victims to then sexually exploit them.

The law also removes much of the discretion that had long allowed bishops and religious superiors to ignore or cover up abuse, making clear they can be held responsible for omissions and negligence in failing to properly investigate and sanction errant priests.

A bishop can be removed from office for "culpable negligence" or if he fails to report sex crimes to church authorities, though there is no punishment foreseen in the church law if he fails to report the crime to police, the law says.

Ever since the 1983 Code was first issued, lawyers and bishops have complained it was completely inadequate to deal with the sexual abuse of minors, since it required time-consuming trials. Victims and their advocates, meanwhile, argued it left too much discretion in the hands of bishops who had an interest in covering up for their priests.

The Vatican issued piecemeal changes over the years to address the problems and loopholes, most significantly requiring all cases to be sent to the Holy See for review and allowing for a more streamlined administrative process to defrock a priest if the evidence against him was overwhelming.

More recently, Francis passed new laws to punish bishops and religious superiors who failed to protect their flocks. The new criminal code incorporates those changes and goes beyond them, while also recognizing accused priests are presumed innocent until proven otherwise.

According the new law, priests who engage in sexual acts with anyone — not just a minor or someone who lacks the use of reason — can be defrocked if they used "force, threats or abuse of his authority" to engage in sexual acts.

Monsignor Juan Ignacio Arrieta, secretary of the Vatican's legal office, said that could cover any rank-and-file member of the church who is sexually abused by a priest if it can be shown that the priest used force or abused his authority.

That provision is contained in a section detailing violations of the priest's obligation to remain ce-

libate. Another section of the law concerns priestly crimes against the dignity of others, including sexual abuse of minors and vulnerable adults.

The law doesn't explicitly define which adults are covered, saying only an adult who "habitually has an imperfect use of reason" or for "whom the law recognizes equal protection."

The Vatican has long considered any sexual relations between a priest and an adult as sinful but consensual, believing that adults are able to offer or refuse consent purely by the nature of their age. But amid the #MeToo movement and scandals of seminarians and nuns being sexually abused by their superiors, the Vatican has come to realize that adults can be victimized too if there is a power imbalance in the relationship.

That dynamic was most clearly recognized in the scandal over ex-Cardinal Theodore McCarrick, the former archbishop of Washington. Even though the Vatican knew for years he slept with his seminarians, McCarrick was only put on trial after someone came forward saying he had abused him as a youth. Francis eventually defrocked him in 2019.

In a novelty aimed at addressing sex crimes committed by laypeople who hold church offices, founders of lay religious movements or even parish accountants and administrators, the new law says laypeople can be similarly punished if they abuse their authority to engage in sexual crimes.

Since these laypeople can't be defrocked, penalties include losing their jobs, paying fines or being removed from their communities

The need for such a provision was made clear in the scandal involving Luis Figari, the lay founder of the Peru-based Sodalitium Christianae Vitae, a conservative movement that has 20,000 members and chapters throughout South America and the U.S.

An independent investigation concluded Figari was a paranoid narcissist obsessed with sex and watching his underlings endure pain and humiliation. But the Vatican and local church dithered for years on how to sanction him, ultimately deciding to remove him from Peru and isolate him from the community.

The new law takes effect on Dec. 8. MDT/AP

this day in history



1979 MILLIONS CHEER AS THE POPE COMES HOME



The Pope has returned home to Poland as the first Roman Catholic pontiff to visit a Communist-ruled country.

As John Paul II set foot on his native soil, at Okecie military airport, he fell on his knees and kissed the ground.

He was greeted by the Polish head of state, Henryk Jablonski, and Polish Primate Cardinal Stefan Wyszynski.

The Pope was then driven into Warsaw in an open top car past around two million people who cheered: "Long live our Pope".

He was greeted by a further 250, 000 people as he entered Victory Square for an open air Mass.

Many wept as the Pope walked up to the altar and stood with open arms before a 30ft cross which was draped in red stoles.

In an exchange of speeches with Mr Jablonski, he said his visit was dictated by strictly religious moti-

The Pope stressed that he hoped his trip would help the "internal unity of my fellow countrymen and also a further favourable development of relations between the state and the church in my beloved motherland."

"I have kissed the ground of Poland on which I grew up, the land from which, through the inscrutable design of providence, God called me to the chair of Peter in Rome, the land from which I am coming today as a pilgrim," he added.

During the 15-minute speech he also talked about the the sufferings of Poland during the WW II.

"We have every respect for and we are grateful for every bit of help that we have received from others at this time, while we think with sadness of the disappointments that we were not spared."

In a departure from his prepared text, the Pope also referred to a banner he had seen held up by a group of visiting Czechoslovak Catholics which read: "Remember, father, your Czech children."

He said it was good that he had seen the banner and he would not forget them.

His return marks the start of an official nine-day visit which is widely expected to have a major impact on church-state relations and Eastern Europe.

During his trip he will visit Czestochowa in southern Poland, site of the Jasna Gora sanctuary and home of the famous Black Madonna Byzantine icon.

Courtesy BBC News

In context

The Pope's visit was seen as inspirational to many Catholics in Poland who felt they were no longer alone.

Many were deeply opposed to the country's Communist government.

The Pope, who secretly began religious studies in 1942 during the Nazi occupation of Poland, was often regarded as playing an extremely important role in bringing down Communism in Eastern Europe.

He returned to his native Poland in 2002.

The visit was widely viewed as a farewell to the Catholic community closest to his heart.

The Pope died on Saturday 2 April 2005 after he failed to recover from a throat operation.



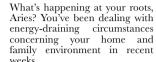


YOUR STARS



ARIES

Mar. 21-Apr. 19





GEMINI

May. 21-Jun. 21

Luna's union with optimistic Jupiter imbues faith into your process and can inspire you to go big or go home. It's an ideal day to chip away at personal projects and self-promote, as you're highly visible right now.



LEO

Jul. 23-Aug. 22

Fortunately, the moon's blissful union with optimistic Jupiter instills a sense of faith and contentment that can help you go deeper without becoming ungrounded.



LIBRA

Sep.23-Oct. 22

Your leading lady is on the move today, Libra. Your ruling planet, lover Venus, departs from education-hungry Gemini and moves forward into initiative-taking Cancer today.



Nov. 22-Dec. 21

While Venus' stay here helps you deepen your connection to these arenas, she also helps you clean out any skeletons looming in your relationship closet.



AQUARIUS

Jan. 20-Feb. 18

Transition works to bring positive opportunities to the job front all the way through June 27. Now's the time to send out applications or ask for what you want.



TAURUS

Apr. 20-May. 20

As a Taurus, you look to the enchanting planet, Venus, for cosmic guidance, today's skies witness Venus' departure from intellectual Gemini into highly sensitive Cancer.



CANCER

Jun. 22-Jul. 22

Life has been a struggle in recent weeks, Cancer. Mars' presence in your sign has been pushing you to deal with anger management and your independent needs.



VIRGO

Aug. 23-Sep. 22

It's been nothing less than a fight to make your vision come true, Virgo. You've been giving it everything you've got, and the universe is working to bring you some relief today.



SCORPIO

Oct. 23-Nov. 21

The intimate relationships in your life are getting a welcome dose of relief today, Scorpio. Lover Venus departs from mentally stimulated Gemini and moves forward into soulful Cancer.



CAPRICORN

Dec. 22-Jan. 19 Relationships demanding the bulk of your energy in recent weeks, Capricorn. In fact, they've likely been something of a point of stress and



PISCES

Feb.19-Mar. 20

Someone you care deeply about has been living in a bit of a fantasyland lately, and it's going to be up to you to give them the reality check they need. It's never fun to burst someone's bubble...

The Born Loser by Chip Sansom



SUDOKU

EASY

8

5

5

2

2	1		6					3
		7		4		6	1	
	6		8					7
	8	5		2	4			
		6				7		
			1	3		4	8	
8					5		3	
	2	1		9		5		
5					1		6	9

MEDIUM

6

2

4

4

1	6							9
				6	7	8		
	3				2			
6		3	7					
		9				1		
					8	3		4
			2				9	
		2	5	8				
5							4	8

EASY+

HARD

2		4		5		
	3	1			8	
	8			7	2	
	8		2			
						1
			7			
1		3				
				2		
4						

WEATHER

	MIN	MAX	CONDITION
CHINA -			
Beijing	17	30	cloudy
Harbin	14	19	rain
Tianjin	23	30	rain
Urumqi	22	28	showers
Xi'an	23	31	rain
Lhasa	15	24	thunderstorms
Chengdu	22	31	rain
Chongqing	25	32	rain
Kunming	25	30	rain
Nanjing	16	26	showers
Shanghai	29	38	cloudy
Wuhan	22	29	rain
Hangzhou	13	20	rain
Taipei	20	31	rain
Guangzhou	9	23	fine
Hong Kong	20	32	thunderstorms
WORLD -			
Moscow	17	31	clear
Frankfurt	8	14	rain
Paris	8	15	rain
London	7	16	cloudy

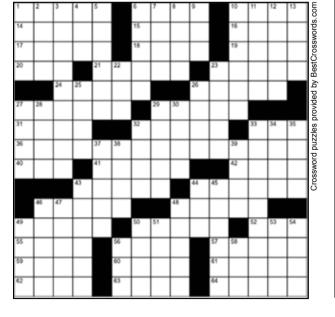
CROSSWORDS

ACROSS 1- Conclude by; 6- As to; 10- Actor Omar; 14- View; 15- Enlarge, as a hole; 16- Work up lather; 17- Unsaid; 18- Vintner's prefix; 19- Fork feature; 20-Penlight battery: 21- Artist Rousseau; 23- Snooped; 24- Head lock; 26- Drive back; 27- On solid ground; 29- Sporting blades; 31- Go it alone; 32- Evade; 33-Go out with; 36- Make a trade?; 40- Capitol Hill abbr.; 41- Bloodsucking worm; 42- Indigo source: 43- 3 grains troy weight: 44- Wirelesses: 46- Trunk line: 48- Type of pitch: 49- Aquarium buildup: 50- Rhythm: 52- ____-Bo: 55- Realtor's sign: 56- Indonesian holiday resort; 57- Dawdle; 59- Cad; 60- Part of MIT; 61- To talk, usually in a pompous manner; 62- "___ quam videri" (North Carolina's motto); 63- Double curve; 64- Put away papers;

DOWN: 1- This, in Tijuana; 2- Final Four org.; 3- Athletic contest; 4- Singer DiFranco; 5- Hopple; 6- Golf clubs; 7- ___-do-well; 8- Royal Indian; 9- Comedian

Philips; 10- Bars legally; 11- Composure; 12- Discussion group; 13- Raced; 22-End for Siam; 23- I vacation!; 25- It's over your head; 26- Bridle part; 27-Egyptian cobras; 28- Peeved; 29- Eject; 30- Milne creation; 32- In the Black?; 33- Pertaining to the left side; 34- Pinza of "South Pacific"; 35- Electric fish; 37-Delight; 38- Lab fluids; 39- Put aboard; 43- Tiny bed; 44- Blame; 45- Many; 46-Healing plants; 47- Leers at; 48- Strike hard; 49- Tennis great Arthur; 50- Zingy taste; 51- More; 53- Commedia dell' 54- Checked out; 56- Short life?; 58- Uris





USEFUL TELEPHONE NUMBERS

14

Emergency calls 999

Fire department 28 572 222

PJ (Open line) 993

New York

PJ (Picket) 28 557 775

PSP 28 573 333

Customs 28 559 944 S. J. Hospital 28 313 731

Kiang Wu Hospital 28 371 333

Commission Against

Corruption (CCAC) 28326 300

IAM 28 387 333

Tourism 28 333 000 Airport 59 888 88

Taxi 28 939 939 / 2828 3283

Water Supply – Report 2822 0088

cloudy

Telephone - Report 1000 Electricity - Report 28 339 922

Macau Daily Times 28 716 081



YOUR PROPERTY HERE 📞 More info (853) 2835 2699



⋈ hello@jmlproperty.com www.jmlproperty.com

f jmlmacau O jmlproperty

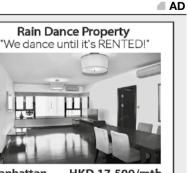


950 ft²

Hoi Wan Garden

Ref: 2105 6001

FOR RENT HKD 4,950,000 Central Macau HKD 16,900/mth 2 🛌 2 🖳 Ref: 2105 1001 1,508 ft² 2 🛌 2 🦫







MacauDaily 澳РБЕРБЯ №

RUGBY ACADEMY

RUGBY TOUCH HOTELS

DONALD SHAW, MDT

THE Macau Rugby Club hosted the 1st **■** RugbyTouch tournament for Hotels on Saturday, 29th May at the TIS playing fields.

Teams from eight local hotel groups had entered, a mixture of new and experienced players. A very hot morning meant difficult conditions for the players. Despite that, a number of interesting and tightly contested games took place during the initial group stage.

In Group A, Galaxy Gazelles won all three games - defeating MGM King of Lions 2-1 followed by close wins over Wynn Macau Marauders (1-0) and Venice Lions (1-0). Group B proved to be another tight finish, Melco had impressed with two wins, against London Bulldogs (2-0) and MGM Roarers (also 2-0). Wynn Palace had a win over MGM Roarers (2-0) and a 1-1 draw with London Bulldogs, setting up their final group game with Melco as winner take all. An entertaining game saw Wynn Palace emerge as comeback winners (2-1) to set up an eagerly anticipated Cup final against Galaxy Gazelles.

Prior to the Cup final, Wynn Macau Marauders edged a close final against MGM Roarers 1-0 to win the Shield. In the Bowl final, London Bulldogs came out on top against MGM King of Lions, 2-0. The Venice Lions defeated Melco 2-0 to win the Plate.

The Cup final was a tight affair with both teams conceding little ground. However, a mazy run by Galaxy's captain Anacleto Cabaca brought the much-needed breakthrough score and a later try sealed the win, 2-0 for Galaxy Gazelles over Wynn Palace.

Overall a very good morning's rugby which was played in a fine spirit and it is hoped that this competition will become a regular feature in the local rugby calendar.

















CORPORATE BITS

Melco's dragon boat team receives well wishes



Melco Resorts & Entertainment continues its tradition of supporting the Macao International

Dragon Boat Races for the 15th consecutive year. Ahead of the forthcoming 2021 Macao International Dragon Boat Races which will be hosted at Nam Van Lake Nautical Centre between June 13-14, the company recently organized an auspicious blessing ceremony to wish the Melco Dragon Boat Team success at the competition organized by the Sports Bureau of SAR Government and Dragon Boat Association of Macau.

Kent Wong, Chief Advisor of Melco Resorts & Entertainment dotted the dragon's eye and the team demonstrated their team spirit and determination by practice-racing on Nam Van Lake.

Applications for Sands Shopping Carnival's karaoke contest open



China's karaoke contest is back for the 2021 Sands Shopping Carnival. The general public is invited to once again compete in the free competition at the upcoming three-day carnival at The Venetian Macao's Cotai

Expo July 23-25.

Prospective contestants can begin submitting their applications for the "ICBC ePay Presents: Karaoke King Singing Competition 2021" until June 18.

The friendly contest is

open to permanent and non-permanent Macau SAR identity card holders to compete in one of two categories: a teenage category for ages 12-18 and an adult category for ages 19 and above. Entrants may apply as individuals or group acts, and must present a health code with valid negative nucleic acid test (NAT) to participate in all preliminary and final rounds, according to a statement.

Preliminary rounds take place during the first two afternoons of the Sands Shopping Carnival on July 23 and 24. The final round and the awarding of winners takes place on the final afternoon of the carnival, on July 25.



TOKYO GAMES

Australian softball team arrives in Japan for Olympic camp

women's softball squad touched down in Japan yesterday and was among the earliest arrivals for the Tokyo Games.

The so-called Aussie Spirit will be in camp in Ota City, north of Tokyo, and will narrow the squad down from 23 to 15 ahead of their opening Olympic game against host Japan on July 21 — two days before the official opening ceremony.

The softball squad arrive at a time of mounting pressure on Japanese organizers, with polls in Japan showing a majority of people want the Olympics delayed again or canceled because of the COVID-19 pandemic.

Fans from abroad have already been barred from attending the Olympics, and there's increasing speculation that games will be held in empty stadiums.

A state of emergency in Tokyo, Osaka and other prefectures was last week extended until June 20 as COVID-19 cases continue to put the medical sys-



tem under strain.

Cancellation pressure grows daily on Tokyo organizers and the International Olympic Committee as more questions arise about the risks of bringing 15,000 Olympic and Paralympic athletes from more than 200 countries and territories into Japan.

The IOC says more than 80% of athletes and staff staying in the Olympic Village on Tokyo Bay will be vaccinated. They are expected

to remain largely in a bubble at the village and at venues.

On the same day that the Australian team arrived, some players with the Jamaican national soccer team were reported unable to enter Japan because of unspecified COVID-19 procedures. National broadcaster NHK reported the exhibition match on Wednesday with Japan's national team had been called off.

The Japanese Football Associa-

tion did not offer an immediate explanation.

Softball Australia chief executive David Pryles said the squad, which hasn't played international opposition since February 2020, would be taking the "utmost care" in terms of keeping themselves and the public safe.

"All staff and players heading to Japan today are fully vaccinated thanks to the Australian Olympic Committee," Pryles said. "They'll also be undergoing stringent testing and checks as soon as they land at the airport and throughout their camp and (the) Olympics."

Pryles said player movements would be restricted to one level of the team hotel in Ota, which would include meals, meetings and gym work, and the stadium where they'll play a series of games against local professional teams and two games against Japan's national team.

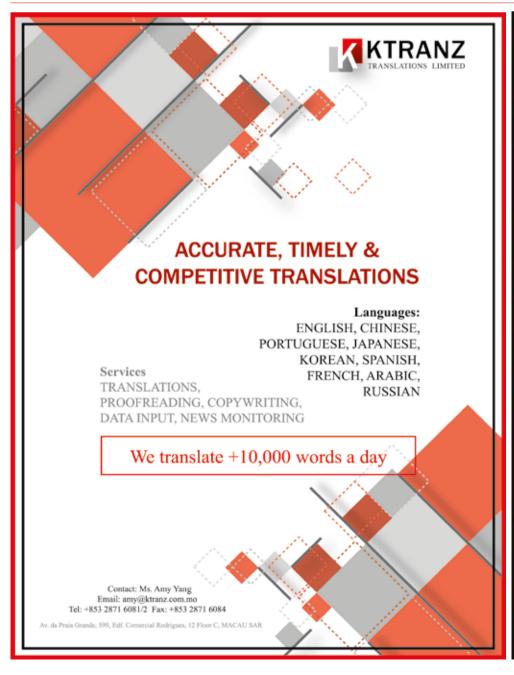
"We're incredibly grateful the people of Ota City and their government for hosting the squad who will respect the restrictions placed upon us," he said.

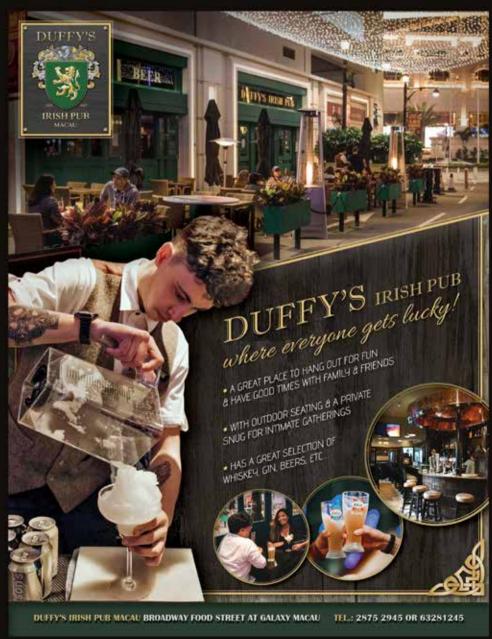
Ian Chesterman, the head of Australia's Olympic contingent, said athletes and officials were "very comfortable" with the precautions being put in place for the Tokyo Games.

"These athletes... are committed to not only look after themselves but do the right thing by the Japanese population as well, and be ready for the games," Chesterman said. "And I think we're very comfortable with the protocols that have been put in place to manage not only this group of athletes but the Australian team when we get there."

Australia is targeting its first Olympic softball gold medal, having collected either silver or bronze in 1996, 2000, 2004 and 2008 before the sport was cut from the program for the 2012 and 2016. MDT/AP

AD





MacauDaily »Ренен ®

OPINION World Views

Sanjay Mishra, Vanderbilt University MDT/The Conversation



CAN A VACCINATED PERSON SPREAD CORONAVIRUS?

As restrictions are lifted and people start to leave their masks at home, some people worry: Can you catch CO-VID-19 from someone who's vaccinated?

Researchers had hoped to design safe COVID-19 vaccines that would prevent at least half of the people vaccinated from getting COVID-19 symptoms.

Fortunately, the vaccines have vastlyoutperformed expectations. For example, in 6.5 million residents of Israel, aged 16 years and older, the Pfizer-BioNTech mRNA COVID-19 vaccine was found to be 95.3% effective after both shots. Within two months, among the 4.7 million fully vaccinated, the detectable infections fell by 30fold. Similarly in California and Texas, only 0.05% of fully vaccinated health care workers tested positive for COVID-19.

Vaccine developers often hope that, in addition to preventing illness, their vaccines will achieve "sterilizing immunity," where the vaccination blocks the germ from even being able to get into the body at all. This sterilizing immunity means someone who's vaccinated will neither catch the virus nor transmit it further. For a vaccine to be effective, though, it doesn't need to prevent the germ from infecting an immunized person.

The Salk inactivated polio vaccine, for instance, does not completely stop polio virus from growing in the human gut. But it is extremely effective at preventing the crippling disease because it triggers antibodies that block the virus from infecting the brain and spinal cord. Good vaccines provide effective and durable training for the body's immune system, so when it actually encounters the disease-causing pathogen, it's ready to mount an optimum response.

When it comes to COVID-19, immunologists are still figuring out what they call the "correlates of protection," factors that predict just how protected someone is against the coronavirus. Researchers believe that an optimum amount of "neutralizing antibodies," the type that not only bind the virus but also prevent it from infecting, are sufficient to fend off repeat infections. Scientists are also still assessing the durability of immunity that the COVID-19 vaccines are providing and where in the body it's working.

Immunologists expect vaccines that protect against viral illnesses to also reduce transmission of the virus after vaccination. But it's actually tricky to figure out for sure if vaccinated people are not spreading the germ.

COVID-19 poses a particular challenge because people with asymptomatic and pre-symptomatic infections can spread the disease - and insufficient contact tracing and testing mean those without symptoms are rarely detected. Some scientists estimate that the number of asymptomatic COVID-19 infections in the overall population could be 3 to 20 times higher than the number of confirmed cases.

In one study, the CDC tested volunteer health care personnel and other front-line workers at eight U.S. locations for SARS-CoV-2 infections weekly for three months, regardless of symptoms or vaccination status. The researchers found that fully immunized participants were 25 times less likely to test positive for COVID-19 than were those who were unvaccinated. Findings like this imply that if vaccinated people are so well protected from getting infected at all, they are also unlikely to spread the virus. But without contact tracing to track transmission in a larger population, it's impossible to know if the assumption is true.

What we know for sure is that if someone does get sick with COVID-19 after vaccination, in what is called a "breakthrough infection," symptoms will be milder. Studies have found that people who tested positive for CO-VID-19 after getting just their first vaccine dose had lower levels of virus in their bodies than unvaccinated people who tested positive. The researchers believe the decreased viral load hints that vaccinated people who do contract the virus will be less infectious because they will have much less virus that could be spread to others.

Vaccines help slow down the spread of an infectious disease by breaking the chain of infection.

Vaccination coupled with continued masking and social distancing is still [the most] effective way to stay safer. Protection and prevention go hand in hand. [Abridged]

HEATHROW AIRPORT OPENS TERMINAL FOR HIGH-RISK TRAVELERS

London's Heathrow Airport has reopened a terminal that was mothballed during the coronavirus pandemic to handle passengers now arriving from high-risk countries. Critics say the action should have been taken sooner.

Britain has barred travelers from a "red list" of 43 coronavirus hotspots including India, Brazil and Turkey. U.K. nationals and residents returning from those countries face a mandatory 10-day quarantine in a hotel. Other travelers coming from "amber list" countries like the United States can do their mandatory 10-day quarantine at home in the U.K. Critics have complained that red list passengers have been using the same massive airport arrivals hall as travelers from other destinations, though in separate lines, since the hotel quarantines were introduced in February.

Starting today [Macau time], red list arrivals will pass through the airport's Terminal 3, which was closed in April 2020 as international air travel plummeted.



Archaeologists excavate in the former Golden Rock plantation west of the international Airport in Oranjestad, on the Dutch Caribbean island of St. Eustatius, on the Leeward Islands

18TH CENTURY GRAVEYARD FOUND AT FORMER Caribbean plantation

A^N 18th century burial ground has been discovered at a former sugar plantation on the Dutch Caribbean island of St. Eustatius, officials said Monday, and archaeologists said it likely contains the remains of slaves and could provide a trove of information on the

lives as enslaved people.

Government officials said 48 had skeletons been found at the site so far, most of them males, but also some females and infants.

Alexandre Hinton, the director of the St. Eusta-

tius Center for Archaeolomore remains were expected to lie in the graves at the former Golden Rock Plantation.

"We are predicting that the number of individuals buried here will surpass the burial site discovered at Newton Plantation on Barbados, where 104 enslaved Africans were excavated. This is one of the largest sites of its kind ever discovered in the Caribbean," she said.

Authorities said the site was found while archaeologists checked an area needed for expansion of an airport.

'We knew the potential

for archaeological discoveries in this area was high, but this cemetery exceeds all expectations," Hinton

Given the location near the former plantation, Hinton said the graves most likely contain the remains of enslaved people.

Given the location near the former plantation, expert says the graves most likely contain the remains of enslaved people

"Initial analysis indicagical Research, said many tes that these are people of African descent," she said. "To date, we have found two individuals with dental modification that is a West African custom. Typically plantation owners did not allow enslaved persons to do this. These individuals are thus most likely first generation enslaved people who were shipped to St. Eustatius."

The majority of the burials contain remnants of coffins, coffin nails and objects that were buried with the deceased, such as several intact tobacco pipes, beads and ceramic plates. A coin from 1737 depicting King George II of England was found resting on a coffin lid.

Experts at several universities around the world will analyze the remains to learn more about the lives of the buried individuals.

Hinton said Leiden University in the Netherlands will conduct "stable

> isotope analysis" to determine the peoples' diets as well as whether they were born on the island. Harvard will do DNA analysis to find where the people came from, and England's Northumbria University will do protein studies to discover what

diseases they might have suffered.

One of the most important outcomes of the research will be a more thorough understanding of the lives of slaves in the Caribbean. Most of what is known about their lives comes from the writings of people in power, such as colonial administrators and plantation owners, sources that can be biased or incomplete.

St. Eustatius, which lies in northeastern part of the Caribbean, was colonized by the Dutch in 1636 and became an important transit port for the regional trade in sugar and slaves from West Africa. MDT/AP

Iran A fighter jet yesterday developed a "technical problem" that killed both of the aircraft's pilots, state TV reported. The report said an investigation was underway as to what had caused the malfunction of the Iranian air force's F-5 fighter jet. The TV said it happened before takeoff. It did not elaborate.



Russian authorities have ramped up their pressure on dissent ahead of a parliamentary election, arresting one opposition activist and raiding several others homes. Andrei Pivovarov, the head of the Open Russia movement that dissolved itself last week, was pulled off a Warsaw-bound plane at St. Petersburg's airport just before takeoff late Monday and was to be taken to Krasnodar in southern Russia yesterday as part of a criminal probe against

Germany and the United Nations plan to host a conference on Libya in Berlin on June 23, a gathering that aims to bring together powers with interests in the North African country and its transitional government. The agenda will include discussions for preparations for elections in December and the withdrawal of foreign forces.



Vatican Pope Francis has changed church law to explicitly criminalize the sexual abuse of adults by priests who abuse their authority, and to say that laypeople who hold church office can be sanctioned for similar sex crimes. The new provisions, released yesterday after 14 years of study, were contained in the revised criminal law section of the Vatican's Code of Canon Law, the in-house legal system that covers the 1.3 billion-strong Catholic Church. More on p8