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DPRK, Cuban leaders meet in Pyongyang, hold talks to boost ties

Kim Jong Un, chairman of the Workers' Party of Korea and chairman of the State Affairs Commission of the DPRK, had talks with Miguel Mario Diaz-Canel Bermudez, president of the Council of State and president of the Council of Ministers of the Republic of Cuba, on Sunday afternoon.

Supreme Leader Kim Jong Un and his wife Ri Sol Ju met the Cuban President and his wife outside the conference room at the Paekhwawon State Guest House in a warm atmosphere, exchanged greetings shaking hands warmly and had a photo taken.

Then, the top leaders had one-on-one talks.

Warmly welcoming the DPRK visit by the Cuban President, Kim Jong Un said that the current visit of the delegation would offer an occasion for demonstrating the invincibility of the traditional fellowship, trust, friendship and solidarity between the peoples of the two countries and serve as a manifestation of support and solidarity to the Korean people's



just cause.

Noting that he was deeply moved by the warm hospitality and enthusiastic welcome offered by Kim Jong Un, the Korean Party and government and Pyongyang citizens, the Cuban President said that the Cuban Party, government and people were pleased to see the Korean people invariably advancing along the road they chose and making a rapid development under his leadership.

The two leaders informed each other of the achievements and experiences gained in Party and state activities in their countries

for building socialism to suit the specific conditions of each country and expressed full support and solidarity with each other. They discussed the issue of further expanding and developing cooperation and exchanges in various fields including the economy, culture, public health, and science and technology to meet common interests.

There was an in-depth exchange of views on the crucial issues of common concern of the Workers' Party of Korea and the Communist Party of Cuba and on the international situation

and a consensus of views was reached on all issues at the talks.

Kim Jong Un and Miguel Mario Diaz-Canel Bermudez highly appreciated that the great leaders of the two countries provided and developed the framework of the special friendship based on revolutionary principle, comradely obligation and socialist principle and that the history and tradition of bilateral friendship have invariably

been carried forward and further developed under the new situation and environment thanks to the joint efforts of both sides. They expressed the firm stand and will of the Parties and governments of the two countries to further expand and strengthen the strategic and comradely bonds of friendship and cooperation between the two Parties and the two countries in line with the requirements of the new era in the future, too.

The talks proceeded in a comradely and friendly atmosphere.

Compiled from KCNA

Cuban leader arrives, received by Supreme Leader Kim Jong Un at airport

Miguel Mario Diaz-Canel Bermudez, president of the Council of State and president of the Council of Ministers of the Republic of Cuba, arrived in Pyongyang by his personal plane on Sunday to visit the DPRK at the invitation of Kim Jong Un, chairman of the Workers' Party of

Korea and chairman of the State Affairs Commission of the DPRK.

Supreme Leader Kim Jong Un greeted him at Pyongyang International Airport.

Kim Jong Un and his wife Ri Sol Ju came out to the airport.

Present there were Kim Yong Nam, member of the Presidium of

the Political Bureau of the WPK Central Committee and president of the Presidium of the Supreme People's Assembly of the DPRK, Choe Ryong Hae, member of the Presidium of the Political Bureau of the WPK Central Committee, vice-chairman of the State Affairs Commission of the DPRK and

vice-chairman of the WPK Central Committee, Premier Pak Pong Ju, member of the Presidium of the Political Bureau of the WPK Central Committee and vice-chairman of the State Affairs Commission of the DPRK, Ri Su Yong and Pak Thae Song, members of the Political Bureau and vice-chairmen of the WPK Central Committee, Ri Yong Ho, member of the Political Bureau of the WPK Central Committee and

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foreign minister, Kim Nung O, alternate member of the Political Bureau of the WPK Central Committee and chairman of the Pyongyang Municipal Committee of the WPK, Deputy Premier Ri Ryong Nam and Ma Chol Su, DPRK ambassador to Cuba.

Army General Kim Su Gil, director of the General Political Bureau of the Korean People's Army, Army General Ri Yong Gil, chief of the KPA General Staff, Army General No Kwang Chol, minister of the People's Armed Forces, and other commanding officers of the KPA were also present there.

Ambassador Jesus De Los Angeles Aise Sotolongo and staff members of the Cuban embassy in Pyongyang were on hand.

Kim Jong Un and his wife Ri Sol Ju warmly greeted Miguel Mario Diaz-Canel Bermudez and his wife Lis Cuesta Perasa.

The DPRK Supreme Leader introduced to his Cuban counterpart the leading officials of the Party and the government and the commanding officers of the KPA who came to greet him.

He exchanged greetings with the Cuban

leader's entourage.

There was a ceremony for welcoming the Cuban President.

Amid the playing of the national anthems of the Republic of Cuba and the DPRK, a 21-gun salute was fired.

The top leaders of the two countries reviewed the guard of honour of the KPA.

They waved back to the enthusiastically cheering citizens.

The car carrying the Cuban leader headed for the lodging quarters, escorted by motorcycles.

Streets in the capital city where cars carrying the missions of the revolutionary Cuban people passed were crowded with welcoming citizens, students and schoolchildren and service personnel, and welcoming people could also be seen at the windows of flats.

The car carrying the top leaders of the two countries arrived at the Paekhwawon State Guest House.

Kim Jong Un and Ri Sol Ju personally guided the Cuban President and his wife into a room of the lodging place.

They had a pleasant chat there in an amicable atmosphere.

Compiled from KCNA



Performance given to welcome Cuban leader

A joint performance was given by major art troupes of the DPRK to welcome Miguel Mario Diaz-Canel Bermudez, president of the Council of State and president of the Council of Ministers of the Republic of Cuba, on Sunday afternoon.

Kim Jong Un, chairman of the Workers' Party of Korea and chairman of the State Affairs Commission of the DPRK, saw the performance.

He and his wife Ri Sol Ju greeted the Cuban leader and his wife Lis Cuesta Perasa, and exchanged warm greetings with them at the venue of the performance.

Both the leaders warmly waved back to the enthusiastically cheering audience.

Women artistes presented bouquets to the Cuban President and his wife.

The members of the Cuban delegation and staff members of the Cuban embassy in Pyongyang were invited to the performance.

The performance was given by

the artistes of the State Merited Chorus, the Samjiyon Orchestra, the Moranbong Electronic Ensemble and the Wangjaesan Art Troupe.

Put on the stage to welcome the visiting Cuban friends were famous songs of the two countries including male chorus *July 26 March*, female and male chorus *We Go along the One Road of Socialism*, female chorus *Cuba under Socialism*, light music *Pyongyang Is Best*, a series of songs *Guantanamo*, *Glamorous Girl* and *Beautiful Cuba*, and female and male chorus *Cuba Si, Yankee No*.

The performers vividly reflected the will of the Korean people to expand and develop the traditional friendly and cooperative ties between the two countries as required by the new era, extending firm solidarity to the Cuban people in their struggle for socialism.

A basket of flowers in the name of the Cuban President was presented to the performers.

The two top leaders congratulated the performers on their successful performance.

The Cuban President and his wife expressed deep thanks for sincere hospitality and excellent performance.

Compiled from KCNA



Kim Jong Un hosts banquet in honour of Miguel Diaz-Canel

Kim Jong Un, chairman of the Workers' Party of Korea and chairman of the State Affairs Commission of the DPRK, hosted a grand banquet to welcome the DPRK visit by Miguel Mario Diaz-Canel Bermudez, president of the Council of State and president of the Council of Ministers of the Republic of Cuba, on Sunday evening.

Supreme Leader Kim Jong Un and his wife Ri Sol Ju warmly greeted the Cuban counterparts at the lobby of the Mokran House, the venue of the banquet.

Present there were Choe Ryong Hae, member of the Presidium of the Political Bureau of the WPK Central Committee, vice-chairman of the State Affairs Commission of the DPRK and vice-chairman of the WPK Central Committee, Premier Pak Pong Ju, member of the Presidium of the Political Bureau of the WPK Central Committee and vice-chairman of the State Affairs Commission of the DPRK, other senior officials of the Korean Party and government and commanding officers of the Korean People's Army.

Present there at invitation were the members of the Cuban delegation and staff members of the Cuban embassy in Pyongyang.

Kim Jong Un together with Miguel Mario Diaz-Canel Bermudez entered the banquet hall to a thunderous ovation of all those present.

Kim Jong Un made a speech in welcome of the DPRK visit by Miguel Mario Diaz-Canel Bermudez.

He said that the meeting with the Cuban President marked a watershed in demonstrating the will to eternally carry forward the bilateral



friendship.

Saying that the two countries are in the same trench in the struggle for defending sovereignty and dignity of their countries and safeguarding international justice, he expressed invariable support and encouragement to the Cuban people building a powerful and prosperous country.

He expressed thanks to the friendly Cuban Party, government and people for extending absolute support and encouragement to the DPRK's efforts for the building of socialism and the independent

reunification of Korea, and affirmed his will to consolidate and develop the strategic and comradely friendship with Cuba.

Miguel Mario Diaz-Canel Bermudez made a speech in reply.

He emphasized that his visit to the DPRK at a historic period of inheriting the cause of the revolution in Cuba is a clear manifestation of the firm stand of the Cuban Party and government to invariably develop the ties with the DPRK.

He expressed his heartfelt thanks to the Korean people for warmly greeting them with the feeling

of friendship toward the Cuban counterpart, while giving a wonderful welcome performance and hosting a grand banquet. He also thanked the Korean Party, government and people for fully supporting the just cause of the Cuban people.

He voiced his will to beat off all challenges by hostile forces and to invariably carry forward the traditional friendly and cooperative bonds between the two countries.

The banquet proceeded in an amicable atmosphere.

Compiled from KCNA



Cuban President visits art studio

Miguel Mario Diaz-Canel Bermudez, president of the Council of State and president of the Council of Ministers of Cuba, and his wife Lis Cuesta Perasa visited the Mansudae Art Studio on Monday.

Kim Jong Un, chairman of the Workers' Party of Korea and chairman of the State Affairs Commission of the DPRK, and his wife Ri Sol Ju accompanied Miguel Mario Diaz-Canel Bermudez and his wife.

Both couples were warmly greeted by leading officials of the studio.

The Cuban President and his wife looked round the exhibition hall of fine art works as they were told that the studio has developed into a world-class art studio.

They were deeply impressed to see the fine art works of national treasure value.

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Kim Jong Un gets together with Cuban leader at Party office building

Kim Jong Un, chairman of the Workers' Party of Korea and chairman of the State Affairs Commission of the DPRK, invited Miguel Mario Diaz-Canel Bermudez, president of the Council of State and president of the Council of Ministers of Cuba, to the office building of the Central Committee of the WPK on Monday afternoon to talk and dine with him.

Supreme Leader Kim Jong Un and his wife Ri Sol Ju greeted Miguel Mario Diaz-Canel Bermudez and his wife Lis Cuesta Perasa at the hall

of the office building of the WPK Central Committee.

The Supreme Leader guided the Cuban President and his wife to the talk room after introducing the office building to them and sat together.

Kim Jong Un and his wife Ri Sol Ju had a talk with Miguel Mario Diaz-Canel Bermudez and his wife in a harmonious atmosphere and deepened fellowship.

The leaders of the two countries briefed each other on the situation of their countries, exchanged successes and experience gained in the socio-

economic development and shared honest and sincere views on various issues in the field of Party activities and socialist constructions of the two parties and the two countries, the situation on the Korean peninsula and international relations.

They also discussed in depth the ways to vitalize cooperation and exchange in various fields.

Kim Jong Un and Ri Sol Ju guided Miguel Mario Diaz-Canel Bermudez and Lis Cuesta Perasa to the dinner hall of the office building and sat vis-a-vis at the table full of homey

atmosphere.

The couples enjoyed the dinner introducing their families and exchanging their views on different subjects such as politics, economy, culture and customs of the two countries.

The Cuban President and his wife expressed sincere thanks to the DPRK Party, government and people for showing special concern and cordial reception to make their visit successful.

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Supreme Leader and Cuban President see gala performance

Kim Jong Un, chairman of the Workers' Party of Korea and chairman of the State Affairs Commission of the DPRK, saw the mass gymnastics and artistic performance *The Glorious Country* together with Miguel Mario Diaz-Canel Bermudez, president of the Council of State and president of the Council of Ministers of Cuba, on Monday evening.

Supreme Leader Kim Jong Un and his wife Ri Sol Ju came out to the platform of the May Day Stadium together with Cuban President Miguel Mario Diaz-Canel Bermudez and his wife Lis Cuesta Perasa.

Children presented bouquets to the Supreme Leader and the Cuban President and their wives.

Among the audience were Kim Yong Nam, member of the Presidium of the Political Bureau of the Central Committee of the WPK and president of the Presidium of the Supreme People's Assembly of the DPRK, Choe Ryong Hae, member of the Presidium of the Political Bureau of the WPK Central Committee, vice-chairman of the State Affairs Commission of the DPRK and vice-chairman of the WPK Central Committee, Premier Pak Pong Ju, member of the Presidium of the

Political Bureau of the WPK Central Committee and vice-chairman of the State Affairs Commission of the DPRK, senior Party and government officials Ri Su Yong, Pak Thae Song, Ri Yong Ho and Kim Nung O, officials of the Cabinet, ministries and national agencies, and working people, youths and students in Pyongyang.

Commanding officers of the Korean People's Army including Kim Su Gil, Ri Yong Gil and No Kwang Chol, and other KPA service personnel were also present to see the performance.

The members of the Cuban delegation, the Cuban ambassador to the DPRK and his embassy officials were invited to see the performance.

The performers gave a grand epic depiction of the history of the victorious and glorious socialist country which is prospering with self-reliance and demonstrating its dignity and might under the guidance of the great Party, holding the peerlessly great men in high esteem.

The atmosphere of the performance reached its climax with the chapter of DPRK-Cuba friendship reflecting the will of the peoples of the two countries to add eternal brilliance to the tradition of the fraternal and militant friendship and solidarity forged in the struggle for independence and socialism against imperialism.

When the performance was over,

fireworks were set off to gorgeously decorate the nocturnal sky of Pyongyang.

The two leaders warmly waved back to the performers and the audience.

They congratulated the performers on their magnificent performance.

Compiled from KCNA



Supreme Leader Kim Jong Un sees off Cuban President Miguel Diaz-Canel

Miguel Mario Diaz-Canel Bermudez, president of the Council of State and president of the Council of Ministers of Cuba, who paid a visit to the DPRK at the invitation of Kim Jong Un, chairman of the Workers' Party of Korea, chairman of the State Affairs Commission of the DPRK and supreme commander of the Korean People's Army, left Pyongyang by his plane on Tuesday after winding up his successful visit.

Supreme Leader Kim Jong Un came to the airport together with his

wife Ri Sol Ju and warmly saw off Miguel Mario Diaz-Canel Bermudez and his wife Lis Cuesta Perasa.

Kim Jong Un and his wife waited for Miguel Mario Diaz-Canel Bermudez and his wife to see them off at the airport.

After Miguel Mario Diaz-Canel Bermudez and his wife got off a car, the Supreme Leader and his wife exchanged greetings.

A ceremony took place to see off Miguel Mario Diaz-Canel Bermudez at the airport.

The leaders of the two countries

and their wives exchanged good-byes respectively with the members of the Cuban delegation and Korean Party, state and military officials.

Kim Jong Un said that he would look forward to meeting him again and wished him good health and happiness and continued success in his work. He added that no matter how the world may change, he and the Korean Party and people will always stand by the Cuban people and Miguel Mario Diaz-Canel Bermudez, wishing him safe journey.

The Cuban President said he carries

with him the warm fraternal fellowship and the feelings of friendship of Kim Jong Un and the Korean people who showed warm and heartfelt welcome with all sincerity.

The leaders of the two countries had a firm handshake of farewell and warm hug.

The Supreme Leader and his wife Ri Sol Ju waved their hands long toward the plane out of sincere and warm feelings toward the fraternal Cuban people.

Compiled from KCNA



Cuban leader tours different places in Pyongyang

Miguel Mario Diaz-Canel Bermudez, president of the Council of State and president of the Council of Ministers of Cuba, visited the Kumsusan Palace of the Sun on Monday.

Choe Ryong Hae, member of the Presidium of the Political Bureau of the Central Committee of the Workers' Party of Korea, vice-chairman of the State Affairs Commission of the DPRK and vice-chairman of the WPK Central Committee, and Ri Yong Ho, member of

the Political Bureau of the WPK Central Committee and foreign minister, accompanied the Cuban President and his entourage.

A floral basket in the name of the Republic of Cuba was laid before the statues of President Kim Il Sung and Chairman Kim Jong Il.

Miguel Mario Diaz-Canel Bermudez paid respects at the statues of Kim Il Sung and Kim Jong Il.

At the halls of immortality

where the great leaders lie in state, he paid homage to them.

He and the members of the delegation were guided to the halls where the orders the great leaders received are on display and the halls that house cars, electric car, boat and train coaches used by them during their field guidance and foreign tours till the last moments of their lives.

He made an entry in the visitor's book.

Kim Yong Nam, member of the Presidium of the Political Bureau of the Central Committee of the Workers' Party of Korea and president of the Presidium of the Supreme People's Assembly of the DPRK, met with Miguel Mario Diaz-Canel Bermudez who paid a courtesy call on him at the Mansudae Assembly Hall on Monday.

Present there were Ri Su Yong, member of the Political Bureau and vice-chairman of the Central Committee of the WPK, and Kim Sung Du, chairman of the Education Commission who is chairman of the Korean Committee for Solidarity with Cuba.

Also present there were members of the Cuban presidential mission and Jesus De Los Angeles Aise Sotolongo, Cuban ambassador to the DPRK.

Kim Yong Nam talked with the Cuban President.

Miguel Mario Diaz-Canel Bermudez and his wife Lis Cuesta Perasa visited Kim Il Sung University on Monday.

They were accompanied by Premier Pak Pong Ju together with the members of the Cuban delegation and staff members of the Cuban embassy in Pyongyang.

Hearing that the university has successfully performed a pivotal role in training national cadres and developing the country's science and technology, the Cuban guests looked round the revolutionary museum, e-library and swimming pool of the university.

Miguel Mario Diaz-Canel Bermudez visited Mangyongdae Revolutionary School on Monday.

He was greeted and accompanied by Army General Kim Su Kil, director of the General Political Bureau of the Korean People's Army.

There was a greeting ceremony by the guard of honour of the school.

Being briefed on the course of

its development and the fact that the students are growing up to be successors to the revolution under the care of the Workers' Party of Korea, the Cuban President looked round the revolutionary museum, several lecture rooms and gymnasium.

Lis Cuesta Perasa visited the Mangyongdae Schoolchildren's Palace on Sunday.

She was accompanied by Ri Sol Ju, wife of the Chairman of the State Affairs Commission of the DPRK.

She was guided to the rooms for Korean dance and kayagum groups, a swimming pool and elsewhere as she was told that schoolchildren are cultivating their talents and fulfilling their wishes at the palace.

Cuban First Lady Lis Cuesta Perasa visited Kim Won Gyun University of Music on Monday.

She was warmly greeted and accompanied by Ri Sol Ju.

She was guided to various lecture rooms of the university as she was told about the history of the university which has developed into a pedigree establishment for training the reliable music and art talents of the country.

Ri Sol Ju and Lis Cuesta Perasa enjoyed performances both at the palace and university.

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KCNA

Cuban President Miguel Diaz-Canel pays homage to DPRK's great leaders at the Kumsusan Palace of the Sun.

Kim Jong Un sees joint performance given by DPRK, Chinese entertainers

Kim Jong Un, chairman of the Workers' Party of Korea, chairman of the State Affairs Commission of the DPRK and supreme commander of the Korean People's Army, enjoyed a joint performance given by the DPRK and Chinese artistes at the Mansudae Art Theatre on November 3.

The performance was seen by Choe Ryong Hae, member of the Presidium of the Political Bureau of the Central Committee of the Workers' Party of Korea, vice-chairman of the State Affairs Commission of the DPRK and vice-chairman of the WPK

Central Committee; Ri Su Yong, member of the Political Bureau and vice-chairman of the WPK Central Committee; Kim Yo Jong, alternate member of the Political Bureau and first deputy department director of the WPK Central Committee; Pak Chun Nam, minister of Culture; members of the WPK Central Committee; and creators, artistes and teachers in the field of culture and the arts.



Present there at invitation were staff members of the Chinese embassy in Pyongyang.

Supreme Leader Kim Jong Un was greeted at the theatre by Luo Shugang, minister of Culture and Tourism of China; Wang Yajun, deputy head of the International Liaison Department of the Central Committee of the Communist Party of China; Li Qun, vice-minister of

Culture and Tourism of China; other members of the Chinese artistes delegation; and Li Jinjun, Chinese ambassador to the DPRK.

Kim Jong Un was presented with a bunch of flowers by Chinese artistes.

He expressed the belief that the Pyongyang visit by the delegation would be a significant occasion in dynamically promoting the DPRK-China friendship, and had a photo

session with the members of the delegation.

The joint performance provided under the deep care of the top leaders of the two Parties and the two countries was all the more conspicuous as it was given by DPRK artistes and famous Chinese conductors, singers, instrument players, dancers and film stars.

Put on the stage were famous music of the two countries.

Kim Jong Un mounted the stage to congratulate them on their performance.

He expressed thanks to them for presenting such a wonderful performance in Pyongyang.

He sent heartfelt thanks to General Secretary Xi

Jinping for sending famous artistes.

He also presented the warm greetings of himself, the Korean Party, government and people to the Chinese counterparts.

He hoped the members of the delegation would spend enjoyable and pleasant days during their stay in Pyongyang.

Compiled from KCNA

GOODWILL MISSION

Chinese stars of stage and screen stay in Pyongyang

The Chinese artistes delegation headed by Minister of Culture and Tourism Luo Shugang visited the Kumsusan Palace of the Sun on Sunday.

They paid tribute to the statues of President Kim Il Sung and Chairman Kim Jong Il in the palace.

At the halls of immortality where the great leaders lie in state the visitors paid homage to them.

They made the rounds of the halls where the orders the great leaders received are on display and the halls that house cars, electric car, boat and train coaches used by them during their field guidance and foreign tours till the last moments of their lives.

Luo Shugang wrote in the visitor's book, "We express our ardent longing for Comrades Kim Il Sung and Kim Jong Il, the great leaders of socialist Korea".

The Ministry of Culture of the DPRK gave a reception

at Pyongyang Koryo Hotel on Friday in honour of the delegation of Chinese artistes on a goodwill visit to the DPRK.

Present there at invitation were the Chinese delegation of artistes, Chinese ambassador to the DPRK Li Jinjun and his embassy officials.

A performance was given at the Theatre for the Samjiyon Orchestra on Friday to welcome

the Chinese delegation.

Starting with Chinese song *Our New Era* as a prelude, the Korean artistes represented the ideological emotion and friendship of the two countries with distinctive musical melodies.

At the end of the performance the Chinese delegation of artistes and staff members of the Chinese embassy presented

bouquets and floral baskets to the performers in congratulation of their successful performance.

The delegation visited Mangyongdae, birthplace of President Kim Il Sung, on Sunday.

The members of the delegation also visited the Juche-oriented Musical Art Museum and Kim Won Gyun University of Music and watched a performance given by the orchestra of university at its concert hall.

They placed a basket of flowers at the Friendship Tower on Sunday.

The head of the delegation wrote in the visitors' book

"China-Korea friendship sealed in blood will be everlasting!"

The Chinese delegation members watched the grand mass gymnastics and artistic performance "The Glorious Country" on Sunday.

They also watched opera "Grey-haired Woman" recreated by the Phibada Opera Troupe at the Pyongyang Grand Theatre.

A joint performance of the artistes of the DPRK and China was given at the Mansudae Art Theatre on Monday.

The songs of the famous artistes of the two countries were acclaimed by the audience.

Compiled from KCNA



The Ministry of Culture arranges a reception at the Pyongyang Koryo Hotel to welcome the Chinese artistes.



A performance is given at the Theatre for the Samjiyon Orchestra in honour of visiting Chinese artistes.

PHOTOS BY KCNA

RENEWABLES

Nation endeavours to tap renewable energy

The DPRK has set the development and use of natural energy sources as an important strategy for economic development. Power production relying on water power sources has been carried on as a nationwide undertaking, and the application of natural energy sources including solar, wind, geothermal and biological energy has become diverse and their industrial characters have got clearer in the present times.

Sunlight is exploited for lighting at dwelling houses and public buildings, methane gas is used as fuel at houses in rural areas and vegetables are cultivated in solar-heated greenhouses.

It has now become an evident trend to introduce the cooling and heating system based on geotherm and the power-generating and hot-water supply systems relying on solar energy into such buildings.

A typical example is green and energy-saving Ryomyong Street in Pyongyang, which incorporates the above-mentioned systems.

The Jangchon Vegetable Cooperative Farm in Sadong District, Pyongyang, introduced methane gas into all houses, while providing itself with electricity for lighting and hot water with the help of solar energy.

Local areas are also actively exploiting geothermal energy with the number of such areas being on the steady rise.

Scientific research and educational institutions manufacture practicable equipment using renewables and provide a variety of technical services, while the number of producers of such facilities is on the increase. The Solar Heat Equipment Distribution Agency in Mangyongdae District, Pyongyang, turns out thousands of solar water heaters yearly, each being able to produce dozens of cubic metres of hot water with a temperature of 55 degrees centigrade in a year. It has recently developed large-capacity wind generators, solar cooking facilities and hydraulic water pumps.

Core sunlighting facilities have also been installed in public buildings to provide illumination for rooms and other places without natural light, and boat-lifting devices using tidal power help save electricity and manpower at shipyards.

Water power is still the major electric power source in the country. Kangwon Province is working on several hydropower stations, North Hamgyong Province on the Orangchon power station and South Hamgyong Province on the Tanchon power station. A water-saving power-generating technology has been applied to

all hydropower stations across the country, resulting in an increase in nationwide power output.

Efforts are also made to build tidal power plants. Given Korea is bounded by the sea on three sides, the exploitation of the power source helps promote stable and sustainable economic development.

The development of rich and clean renewables will be conducted on a larger scale in the future.

Pak Wal Bin,
vice-chairman of the
Association for the Development
and Utilization of Natural Energy
of Korea



HAM YONG SOK / THE PYONGYANG TIMES

Designers of the national costume-making unit of the Korean Minye Trading Company discuss how to make chic traditional suits for women.

DRESSMAKING

Company retains its position in making traditional costume

The national costume-making unit of the Korean Minye Trading Company won the top prize at the recent 16th national Korean costume show.

A prestigious Korean costume maker well-known both at home and abroad, it took part in many national costume shows and captured first prize more than ten times.

Its white *chima* and *jogori* (traditional women's skirt and jacket) and soft pink *paji* and *jogori* (traditional men's trousers and jacket) were in the spotlight at the recent show.

They were presented by

Kim Mi Ran and Pak Song Rim, heads of creation and production departments of the unit.

The suit for women was white in colour in reflection of the sentiment of Koreans favouring something bright and clean. Pear blossoms were painted on the sleeves and skirt in the traditional one-stroke style of Korean painting and a pear blossom-shaped ornament was attached to the suit, to make the dress look like an elegant work of art.

Renowned as a designer who adeptly combines classical and modern aspects of beauty, Kim presented the graceful traditional costume to record four consecutive wins and show off her ability.

The bridegroom's dress with a pink *paeja*, or a vest, was also highly appreciated at the fashion show as it ensured a subtle blend of colours in reflection of the enthusiastic and active nature of young people and the processing was perfect.

Presented by Pak Song Rim, a master of design, cutting and processing, the dress attracted special attention for delicate needlework and unique

decoration of the collar of *paeja* with knotwork.

Embroiderer Han Kyong Sim came out with *tangui*, a kind of traditional ceremonial jacket which is the richest in national colour, to take the first place this year again after last year.

The suit consisting of yellow *chima* and jade green *tangui* was rated highly by the jury members for the unparalleled combination of refined curve, softness and delicacy.

Han who has specialized in embroidery and drawing for 20 years embroidered the dress with magnolias and added drawings to it to generate 3D effect of the embroidery.

Jong Son Hwa, Kang Mok Ran and other designers of the unit entered the rankings in such categories as holiday and casual wear and *turumagi* as their exhibits showed off their deep thoughts and polished skills.

"Our long-serving members of the national costume-making unit have special pride in national costume and are deeply attached to their work," said Kim Hye Ok, director of the unit. "We will devote all our energy to further developing traditional dresses according to the taste and growing aesthetic demand of our people."

By Jong Sun Bok PT

HEALTHCARE

Hospital applies digital standard to services

The Okryu Children's Hospital has established a new hospital information system.

In the past it analysed the morbidity of diseases and drug consumption by employing a public health information system which embodies international health information standards such as ICD 10 and DICOM.

However, as the old one was intended for use in individual hospitals, it was impossible to share information obtained during medical service between hospitals or on a nationwide scale. And it had a low utility rate during medical service as it depended on clinical chart, examination report and prescription printed or written on paper.

An electronic appliance recording system based on international health information standard, the new hospital information system standardizes

data obtained during clinical activities in numbers or symbols, making it possible to share them jointly in the country and internationally as well as with any other hospitals.

For the development of this system, the hospital standardized a total of over 10 000 medical terms including more than 9 000 related to main complaints of patients, current symptoms, names of diseases and their classification, some 400 for diagnosis and lab test and at least 800 for names of drugs in line with international standards on public information.

And then they developed an electronic medical service recording system using standardized health information.

The system provides a convenient and scientific environment for doctors who work for clinical practice, pharmacy, diagnosis and test

to record data they obtain during their medical activities in electronic case history sheets and properly manage them. The e-sheet will record the symptoms of patients during doctors' examinations, treatments, prescribed medications and test results together with their

electronic images.

Now the system has been introduced into all clinical departments and auxiliary sections of the hospital.

The Ministry of Public Health is pushing ahead with a programme for generalizing the system to all public health institutions across the country.

The Okryu Children's Hospital was selected as one of the top ten informatization model units at the recent national exhibition of IT achievements-2018.

By Jong Hwa Sun PT



PAK CHANG BOK / THE PYONGYANG TIMES

Medical workers of the Okryu Children's Hospital work on a patient by relying on a new information system.

SPORTS

DPRK athletes shine back at world championships

Om Yun Chol won three gold medals at the 2018 World Weightlifting Championship of the International Weightlifting Federation, which started in Turkmenistan on November 1.

On November 2, the DPRK weightlifter snatched 120 kg and jerked 162 kg in the 55 kg category of men's weightlifting to take the first place.

He lifted a total of 282 kg, over 20 kilograms more than other weightlifters, thus winning three golds.

Ri Se Gwang won a gold medal in the vault of men's individual apparatus finals at the 48th FIG Artistic Gymnastics World Championships held in Doha of Qatar from October 25 to November 3.

The championships brought together at least 580 men and

women players from over 70 countries and regions including the DPRK, China, Russia, Uzbekistan and Kazakhstan.

Ri Se Gwang returned home on Wednesday.

He was greeted by Kim Il Guk, minister of Physical Culture and Sports, officials concerned and his family at Pyongyang Railway Station.

Compiled from KCNA

TABLE TENNIS

Disabled, amateurs compete in autumn table tennis event



PAK KWANG HUN / THE PYONGYANG TIMES

A scene from the 2018 autumn table tennis competition of persons with disabilities and amateurs.

The 2018 autumn table tennis competition of persons with disabilities and amateurs has been running at the gymnasium of Kim Chaek University of Technology since November 5, under the sponsorship of the Korean Sports Association of the Disabled.

The competition has brought together 322 players and is being held divided into five categories: team events for the disabled and elderly, for male amateurs in their 40s and for those in their 50s, the amateur mixed doubles and the high-level men's amateur singles.

In the wake of group preliminaries, players are unfolding thrilling scenes of seesaw matches as they advance to knockout semi-finals and

finals.

Special draws are matches of teenagers with disabilities and those of players in their 70s and 80s.

"The players with disabilities are at very high levels as you see through the matches. So, in the current competition, a team event has been arranged by involving both the disabled and elderly instead of separating them into different groups," said Hong Su Gyong, staff member of the Korean Sports Association of the Disabled.

The competition was more conspicuous for the participation of resident diplomats, other foreigners and overseas compatriots.

By Jong Tang Song PT

CUISINE

Best health food in autumn

Since olden times lobster has been rated as one of the three nourishing foods in autumn

involving gizzard shad and loach.

The sea creature is the tastiest



SONG TAE HYOK / PICTORIAL KOREA

Raw lobster dish.

in autumn and winter as in these seasons it has the highest content of glycine that produces sweet taste.

This protein-rich, low-calorie crustacean contains various

kinds of nourishing substances such as calcium, phosphor, iron, chitosan, taurine and alanine.

Though it evenly contains various essential amino acids, its calorific value is less than half the pork's.

The regular daily ingestion of a small quantity of lobster is a good cure for hypotension and anaemia and makes teeth and legs strong.

It has also a detoxifying effect and is good for treating stomach ulcer, sore finger, frostbite, abscess and indigestion.

Taurine in lobster helps develop the retina, recover the sight and lower cholesterol levels.

Its arginine content is two to three times as much as that of ordinary fishes, so it is highly invigorating.

By Kim Kum Myong PT



The Sci-Tech Complex is a hub for online dissemination of science and technology which provides real-time services to institutions, enterprises and homes across the country.

Built as an energy-saving, green structure, the complex has a total floor space of 106 600-plus square metres.

