



ESTABLISHED 1965

No. 44(3 289) Sat, November 4, Juche 112(2023)

DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA

weekly <http://www.pyongyangtimes.com.kp>

## Socialism formulated as a science

By Ri Sung Ik PT

Between the late 1980s and the early 1990s, the world witnessed the tragic event of socialism collapsing in one country after another.

Taking advantage of this, the imperialists and anti-socialist elements clamoured for the "end" of socialism.

However, though decades have passed since then, Korean socialism has advanced without the slightest vacillation or hesitation, and socialism became the far-reaching strategy of the Korean revolution.

This was unthinkable without the immortal ideological and theoretical exploits of Chairman Kim Jong Il who formulated socialism as a science.

On November 1 1994, Kim Jong Il published the work *Socialism Is a Science*.

In the introduction of his work, he wrote that the collapse of socialism in several countries did not mean the failure of socialism as a science but the failure

of opportunism which had degenerated socialism.

First of all, he clarified that socialism is the ideal and revolutionary banner of the masses struggling for independence and that the independence of the masses is realized by socialism and communism.

Analyzing the socialist ideal and the historical development of the socialist movement in a comprehensive way, he noted that it is the mode of existence of man to form a social community and work and that societies based on collectivism, socialist and communist societies, are the most advanced ones that accord with man's independent nature, since man's demand for independence can be successfully realized only through collectivism.

Referring to the immortal exploits of President Kim Il Sung who created the Juche idea and, on the basis of it, developed the socialist theory in an original way to place socialism on a new scientific foundation, he noted

that the scientific accuracy and truth of the Juche-based socialist theory were proved by the practical experiences of the Korean revolution.

He clarified that Korean socialism is based on the Juche-oriented viewpoint and attitude towards man.

He said that the Juche idea elucidated the essence of man and the essential qualities of man and, on that basis, the position and role of man in the world for the first time in history, and that man-centred socialism is the most scientific society in which everything serves man and all problems are solved by enhancing his creative role.

He also explained that socialism is based on the Juche-oriented viewpoint and attitude towards the masses.

The masses of the people not only transform nature, develop the productive forces and create material wealth but also transform society. Since everything in society is created by the masses, it is the Juche-oriented view and stand maintained by the

Korean socialism that the masses should be masters of everything in society.

Analyzing the arbitrary practices of the imperialists who were violently interfering in the internal affairs of other countries and trampling upon other nations' sovereignty while trying to justify these acts under the excuse of "defence of human rights", he noted that it is very important to firmly safeguard the independence of countries and nations in defending and realizing the independence of the masses.

In the work, he gave scientific answers to all problems arising in socialist construction, including the questions of the essence and the value of man's life, of the masses fulfilling their responsibility and role as masters of everything in society and of building the socialist ruling party into a motherly party.

The idea expounded in his work is embodied in Korean socialism which is invincible as it is a man-centred, people-centred socialism.

## Film show marks anniv of Kim Jong Un's meeting with Cuban president



A film show takes place at the Taedongmun Cinema in Pyongyang on November 2 to mark the fifth anniversary of the historic meeting between the DPRK and Cuban leaders.

KCNA

On November 2 there was a film show at the Taedongmun Cinema in Pyongyang on the occasion of the fifth anniversary of the respected Comrade Kim Jong Un's historic meeting with Cuban President Miguel Mario Diaz-Canel Bermudez.

It was attended by Ri Chang Sik, chairman of the Korean Committee for Solidarity with Cuba,

officials concerned and working people in the city.

Present there at invitation were the Pyongyang-based Cuban interim ambassador and a member of the Cuban embassy.

The participants saw the Korean documentary film "The historic meeting that opened

a new chapter of DPRK-Cuba friendship November 4-6 in Juche 107(2018)".

## Successes made in attaining 12 major goals for development of national economy

By Chae Hyang Ok PT

### Positive results of Party's agricultural policy

Meetings for account settlement and income distribution are being held consecutively in rural areas of South Phyongan Province where the threshing was completed by October 29.

The Chongsong Vegetable Farm in Tokchon, located in a mountainous area, produced one more ton of maize per hectare than last year, and the Ryonhwa Farm in Sukchon County, which had been lagging behind, increased the per-hectare rice yield by more than two tons as compared to the record of last year.

The Chaeryong Farm in Sukchon County reaped 10.8 tons of rice per hectare at the maximum and the Jaegol Farm in Songchon County harvested 10.3 tons of maize per hectare in the mountain fields at the maximum.

Many farms in North Hamgyong, North Phyongan,

Kangwon and South Hamgyong provinces have overfulfilled their grain production plan for this year and conducted the settlements of accounts and income distribution.

Farmers performed peasant dances amid the playing of Song of Rich Harvest, adding a jubilant mood to the sites of income distribution.

### Achievement in readjustment and reinforcement plan

The Kim Chaek Iron and Steel Complex completed the replacement of a 10 000-metre-long section of the long-range concentrate transport pipeline between Musan and Chongjin.

The complex successfully pushed ahead with all the work processes including pipe coupling by thinking up bold ideas and applying them to practice in the replacement of the thousands-of-metre-long section of the pipeline that goes through a mountainous area.

Now that high-grade concentrated iron ores are

transported seamlessly through the 100-kilometre pipeline, the complex laid a solid material and technical foundation for normalizing iron production by employing Juche-based iron-making techniques.

### Brown coal tar processing line set up

A new type of brown coal low-temperature carbonization and tar processing line was successfully established in the northern coal field this year.

A technical team of the Kyongwon technology development company carried out the project.

One of the most challenging problems in the establishment of the new process was to find suitable technical indices for continuous operation of the distillation process.

The technicians found out rational technical indices to ensure the quality of products and increase the output at the same time and developed an automatic control system

capable of monitoring and controlling the production processes in real time.

### Equipment for water supply to Pyongyang citizens produced

The machine-building industry directs efforts to the production of equipment and accessories needed for the supply of water to the citizens of the capital city.

The Taedonggang Electrical Appliances Factory fulfilled its transformer production assignment and the Pyongyang Measuring Instrument Factory made a major part of manometer used in pumping equipment by relying on its own technologies to increase the productivity.

The Anju Pump Factory laid a foundation for producing pumps with improved efficiency and specifications and the Pyongyang Bearing Factory has innovated the machine operating methods after solving several technical problems.

Electricity production

### boosted in Jagang Province

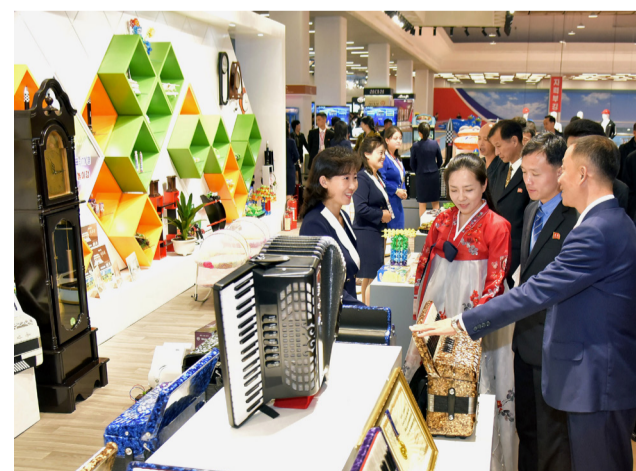
The Kangye Youth Power Station installed a new type of high-efficiency hydraulic turbine blades into generators of Unit 3 and generalized the experience to all generators, thus increasing the momentary output per

generator by hundreds of kilowatts.

The Huichon and Jangjagang power stations adopted innovation plans for measuring the water level at the dam in a scientific way and ensured the safe operation of generators by applying efficient operating methods.

The Wiwon Power Station introduced digital speed regulators into its generators and realized the automation of generator operation.

## INSIDE



Light industrial goods exhibition held

Related story, p4

# Premier inspects North, South Hamgyong provinces

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Kim Tok Hun, member of the Presidium of the Political Bureau of the Central Committee of the Workers' Party of Korea, vice-president of the State Affairs Commission of the DPRK and premier of the Cabinet, inspected several economic sectors in North and South Hamgyong provinces.

At the Kim Chaek Iron and Steel Complex, a large metallurgical base in the northern part of the country, he acquainted himself with the operation of the oxygen-blast furnace and the progress of the new Juche-orientation project and called on the officials, scientists, technicians and workers to contribute to rounding off the works planned for this year, which is of key importance in implementing the five-year plan, by further improving the iron and steel-making technologies based on domestic materials and fuel and increasing production.

Learning in detail about the capacity expansion project of the Chongjin Steel Works which is consolidating its foundations for increasing iron output according to the Juche-based production techniques, he called for thoroughly ensuring the quality of the construction.

Encouraging the workers



Premier Kim Tok Hun (fifth from right) inspects the Ryonpho Greenhouse Farm.

devoting themselves to implementing the Party's decisions at the Ryongsong Machine Complex and the Ranam Coal-mining Machine Factory, he stressed the need for them to make substantial successes in the manufacture of custom-built equipment of great significance in the development of the self-supporting economy and to produce more highly efficient machines by increasing the processing capacity.

He looked round the Sinpho Fishery Station and the Ryonpho and Jungphyong greenhouse

farms and noted that the officials and employees should fulfil their responsibilities and duties in making the people benefit from them by producing more fish and vegetables true to the Party's noble intention of loving the people.

He also visited food administration stations and farms in Hamhung, Sinpho and Chongjin cities and Hongwon, Kyongsong and Orang counties, and pointed to the need to correctly implement state measures concerning the supply of grains to the residents and the

purchase of grains.

The field consultative meetings discussed the issues of thoroughly guaranteeing the Juche-orientation project by dint of science and technology, of strengthening productive ties among units and improving the quality of products in the machine-building industry, of making full preparations for winter fishing and further improving the cylindrical vegetable cultivation device whose advantages were proved through experimental cultivation, and took relevant measures.

# DPRK ambassador pays farewell visit to Ugandan President

KCNA

The ambassador of the Democratic People's Republic of Korea paid a farewell call to the Ugandan President on September 23.

Ambassador Jong Tong Hak courteously conveyed the warm regards sent by Kim Jong Un, president of the State Affairs of the DPRK, to Ugandan President Yoweri Kaguta Museveni.

The Ugandan President expressed deep thanks for

this and asked the Korean ambassador to relay his heartfelt thanks to His Excellency Kim Jong Un.

He referred to the fact that he visited the DPRK on several occasions to meet President Kim Il Sung.

In the past, the DPRK rendered much support to Uganda, he said, adding the Ugandan government hoped that the two countries would continue to cooperate for the development of bilateral ties.

# Korean ambassador makes a farewell to Angolan President

KCNA

Jo Pyong Chol, DPRK ambassador to Angola, paid a farewell visit to President Joao Manuel Goncalves Lourenco on September 27.

The ambassador courteously conveyed the warm greetings of Kim Jong Un, president of the State Affairs of the DPRK, to the Angolan President.

The Angolan President

expressed his gratitude to it and asked the ambassador to convey his regards to His Excellency Kim Jong Un, president of the State Affairs of the DPRK.

Wishing the DPRK greater success in developing its economy, he expressed the Angolan government's stand to invariably strengthen and develop the bilateral relations of friendship in the future, too.

# Pyongyang Dental Hygiene Supplies Factory inaugurated



The Pyongyang Dental Hygiene Supplies Factory holds an inaugural ceremony on October 24.

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The Pyongyang Dental Hygiene Supplies Factory was inaugurated on October 24.

The factory, equipped with modern processes for turning out various kinds of dental hygiene products, is a comprehensive dental

hygiene goods producer with a specialized institute where science and technology is integrated with production.

Present at the inauguration ceremony were Choe Tong Myong, department director of the Central Committee of the Workers' Party of Korea, Choe Kyong Chol, minister

of Public Health, officials concerned, the officials and employees of the factory and builders.

Vice-Premier Jon Sung Guk delivered an inaugural address.

After the inaugural ceremony was over, the participants looked round the factory.

## HOME NEWS

### Centenarian receives birthday spread

A happy event unfolded in Chogu-ri, Unpha County, North Hwanghae Province, where modern-style rural houses are standing in rows as a manifestation of the Workers' Party of Korea's rural construction programme of the new era.

The respected Comrade Kim Jong Un sent a birthday spread to Ri On Nyon on her 100th birthday.

As she received the birthday spread amid hearty congratulations of county officials, family members, relatives and village neighbours, Ri extended her gratitude to Kim Jong Un who bestowed such a great favour on her.

### Nanotechnology show opens

The national sci-tech exhibition of the nanotechnology sector-2023 opened at the Grand People's Study House on November 1 under the sponsorship of the nanotechnology association of Korea of the Central Committee of the General

### Federation of Science and Technology of Korea.

The event, divided into categories of sci-tech show and sci-tech presentation, is aimed at promoting the sharing and dissemination of sci-tech achievements in the sector and the establishment of an industry based on nanotechnology.

Its opening ceremony drew officials, lecturers and researchers of the relevant sector and exhibiting units.

At the end of the ceremony, there was a sci-tech lecture on the world development trend of nanotechnology.

Then, the participants looked round the venue.

### International commodity show opens

The international trade fair-2023 started on October 30 by way of virtual exhibition.

The exhibition on the theme of "For common development and co-prosperity" is aimed at digitizing and introducing electronic technology into the work of international trade fair, promoting the development of new

products and export of processed goods and boosting exchanges and cooperation among countries in the fields of the economy and science and technology.

Domestic and foreign advanced science and technology and commodity data are on display at the international trade fair website of the national data communications network.

During the exhibition there will be negotiations related to the purchase and export of commodities and many-sided sci-tech exchanges.

### Exhibition held to improve sports science and IT level

The 25th national exhibition of sports sci-tech achievements took place between October 2 and 30 under the sponsorship of the Ministry of Physical Culture and Sports.

The show was aimed at raising the scientific and informatization level of sports by widely introducing, publicizing, exchanging and disseminating the successes made this year.

It was held, divided into the sections of computer program, measuring apparatuses, equipment and materials, medicines and tonics, and sci-tech books and videos.

# TRIUMPHAL SONG OF RICH HARVEST resounds through socialist countryside



## Year-end account settlement and income distribution take place on Yoltusamchon Farm in Sukchon County, South Phyongan

By Kim Il Jin PT

Amid the delight of successfully concluding the farming of the year 2023 throughout the countryside, the Yoltusamchon Farm of Sukchon County, South Phyongan Province, held a meeting for the year-end account settlement and income distribution on

October 29 with pride in having overfulfilled its grain production plan more than ever before.

The venue was filled with their boundless gratitude to General Secretary Kim Jong Un who brought about such a happy event.

After reaping an unprecedentedly bumper harvest, the farm finished threshing over 20 days earlier

than last year and gathered large quantities of grains per hectare. Thus it piled a huge stack of grains in the venue.

Farmers received their shares amid the playing of harvest music and a merry dance.

Certificates of commendation were given to more than 70 labour innovators and prizes were awarded to workteams and



Farmers have a year-end payment gathering in great delight at the Yoltusamchon Farm of Sukchon County, South Phyongan Province, on October 29. RA PHYONG RYOL / PICTORIAL KOREA

sub-workteams which led others in overfulfilling the national economic plan.

After receiving gratifying shares, farmers said that the bumper harvest was brought

about by the measures taken by the Workers' Party of Korea and the state to attain the grain production goal, the predominant one of 12 major goals for national economic

development, and expressed their excitement, pledging to become true farmers supporting the country with rice and produce more grains next year.

## Academy introduces science and technology for increased agricultural production

By Yun Kyong Il PT

The Academy of Agricultural Science researched and introduced a variety of sci-tech findings to contribute to the increased agricultural production this year.

"The academy sent scientists to farms to take scientific and technical measures for ensuring the growth of paddy rice and autumn harvesting and provide technical guidance and assistance to them. Accordingly, they demonstrated their high abilities in minimizing damages from extreme weather conditions and finding effective ways to further increase crop yields," said Paek Son Sik, senior staffer of the academy.

The Agricultural Informatization Institute responsibly sent data on the right time for harvest of paddy rice and maize according to areas, varieties and sowing periods

estimated by applying crop growth simulation technology to relevant units and developed a system to put agricultural production and management on a scientific and IT footing in liaison with different scientific research institutions.

The Plant Protection Science Institute worked to introduce a service program for the prediction of blights of agricultural crops into many farms across the country in a planned manner, as it helps scientifically predict the period of outbreak of blights and obtain in real time the data about the preliminary observation of fields and preventive extermination of blights.

The Agricultural Nanotechnology Institute gave technical guide related to the production of nano-silicon fertilizer in several regions and applied it to over 100 000 hectares of rice paddies and dry fields to contribute to the

agricultural production.

It also developed a highly efficient rice seed coating agent which is helpful in putting the growth of rice seedlings on a scientific basis even under the unfavourable abnormal weather conditions and introduced it into dozens of thousands of hectares of areas, developed a new scientific and technological proposal for enhancing the effects of ammonium phosphate fertilizer and newly established a method to estimate wheat and barley yields by using satellite-beamed information analysis and agricultural crop growth simulation technologies.

The Dry Field Crop Institute under the academy bred and introduced a new variety of winter wheat.

An intermediate variety bred by the cross line breeding method, it is high in per-hectare yield and suitable for double cropping.

According to Director Ri Jong Su, the institute set a goal of breeding new varieties of wheat which are of great significance in changing the structure of dietary life of the local people a long time ago and has since concentrated efforts on it.

Researchers correctly selected the main indices and intensified research on starting materials to breed quality and high-yielding varieties which can ensure safe two grain crop farming a year.

As they intensified research on individuals and family selection suitable for breeding new varieties, while making a comparative analysis of the characteristic indices of many materials in detail, they developed a good variety whose composing elements of yield and quality indexes have been improved, as compared to before.

They then made a study of

scientific cultivation technology and ecological adaptability.

As a result, they decided on the correct technical indices including rational amount of seeds to be sown per unit, seed sowing period and method of applying fertilizer and established a wheat cultivation technology fit for characteristic features of various regions through the introduction test that lasted for several years.

This year, the developers of the new variety of winter wheat were awarded the certificates of introduction of sci-tech hits of national significance.

Besides, the Academy of Agricultural Science has developed and introduced many agricultural sci-tech products including agrichemical nano-additives with high weeding effects and composite microbial fermentation accelerators with good effect on crop yields.



## Epitome of ten-odd years of development of light industry

### Light industrial goods exhibition “Development of Light Industry-2023” continues

By Jong Hwa Sun PT

The light industrial goods exhibition “Development of Light Industry-2023” opened at the Light Industry Hall of the Three-Revolution Exhibition House in Pyongyang on October 25.

The exhibition showcases the ten-odd-year development of light industry of the country, unlike consumer goods shows which are held on different occasions every year.

#### Provision of springboard for development of light industry under guidance of WPK

The venue of the exhibition is decorated so brightly and gorgeously that every visitor expresses admiration unawares.

An impressive sight greeting them first at the entrance hall is the photograph of General Secretary Kim Jong Un seeing the satchel made of the canvas produced at the Pyongyang Kim Jong Suk Textile Mill with a broad smile on his face.

“Nearly 200 photos displayed in the venue in line with the theme of the exhibition ‘Undying exploits and precious

fruition that will shine forever along with the development of light industry’ show the immortal journey the respected General Secretary continued to provide our people with the best civilization as soon as possible,” said Pin Myong Chol, department director of the Ministry of Light Industry.

He noted that a springboard was provided for the development of light industry and the people’s livelihood improved with each passing day thanks to the painstaking efforts the General Secretary made as he visited many light industrial factories and enterprises during the past ten-odd years. Such contents have been reflected on over 12 000 products exhibited by more than 550 units and various videos and photos illustrating the happy life of the people enjoying the benefits of the products, Pin added.

Voices proving this are heard at each of the 16 exhibition sections on two floors for such goods as textiles, garments, footwear, cosmetics, foodstuff and furniture.

To offer visitors convenience there are holography and touch

displays showing exhibits in all places and the general display stand where visitors can see major exhibits in one place.

#### Exhibits on theme of national symbols

The exhibition is featured by large numbers of products on the theme of national symbols.

“Now it has become a trend and pride of our people to widely use the products on the theme of national symbols. They like to wear clothes representing the national flag and place craftworks depicting the national flag or national emblem on their office desks or passenger transport means,” said Pang Un Mi, section chief of the Ministry of Light Industry.

Craftworks exhibited by the Mansudae Art Studio win popularity.

Among them are such ceramic pieces for daily use as Koryo celadon pieces representing the pine, magnolia blossom and magpie, the national tree, flower and bird of the DPRK, different shapes of badges depicting the national flag, various Koryo celadon cups engraved with magnolia blossoms. According

to staffer Ri Su Hyang, ceramics for daily use are unexpectedly in great demand and most of their purchasers say that the tastes of coffee and tea in Koryo celadon is very unique and impressive.

The Songyo Knitwear Factory and other production units put on display T-shirts, sportswear and caps representing the national flag.

Even small mental calculation cards for primary schoolchildren bear national symbols.

“Though small, the exhibit reflects the intention of our development group to implant patriotic feelings in the mind of rising

SEE PAGE 5



FROM PAGE 4

generations so that they would love and support the country," said Choe Kyong Sik, staffer of the Mindulle Notebook Factory.

**With domestic raw and other materials**

Products made of domestic raw and other materials assume a large proportion in the exhibition. The following are the voices of some producers:

'We will contribute to the great golden age of construction with many glass products'

In recent years, our factory established production processes furnished with efficient equipment and met the demand for glass products, which are badly needed for different economic sectors, with domestic materials 100 percent.

In the current show we have exhibited general curve tempered glass, glass display cabinet, pictured glass, heat-proof glass and other second-stage processing glass products.

**Jang Jin Hyok,**

*technical staffer at the Taean Friendship Glass Factory*

To ensure the domestic production of soap material Our soap production is featured by saponification reaction without using heat and electricity in the saponification process and free from drying process.

Unlike the existing production process, we produce quality soaps with less electricity and manpower in a simple production process by removing the preceding processes which consumed much electricity.

The "Hwallyok" (vital power) soap we have put on show has great washing power and whitening effects as its neat soap content is over 70 percent and it has no negative effect on the skin as it contains humectant and natural extracts. It makes even cold water foamy and ingrained dirt is removed well. The soap for babies is popular with mothers for the antimicrobial action and soft touch.

**An Sun Yong at the Hwallyok Garment Daily Necessities Production Company**

**Silk products**

To present better silk products to the exhibition, we improved the colour and quality of silk fabric, the speciality of Korea, in close contact with the Nyongbyon Silk Mill.

We have exhibited various silk products such as women's *chima* (skirt) and *jogori*

(jacket), men's *paji* (trousers) and *jogori*, rainbow-striped garments for children, shirts and housedresses, and the demand for them is very high.

There have been many orders as they are made of silk fabrics with elegant colour, soft touch and light weight and good for health.

**Ri Myong Gum, manageress of the Kumun Garment Factory**

**Popular products**

Every unit is eager to develop new products favoured and welcomed by the people on the occasion of exhibitions.

Products reflecting the mind of parents who want to train their children into remarkable talents are especially popular at the exhibition.

The Mindulle Notebook Factory has brought out 33 kinds of new products. Among them are a functional exercise book and wall picture of English words in the form of calendar.

According to developers, they brought out different kinds of exercise books so that students could learn their mother tongue, maths and English in the course of writing down in the notebook.

The writing exercise book contains 1 080 Korean words which are used most frequently and it helps schoolchildren learn the correct writing style in the course of writing standard letters. The calculation exercise book helps them learn addition and subtraction from the simplest range of 20 to the range of 100, while the English

writing exercise book enables any children who can hold a pencil to easily learn hundreds of English words.

The Pothonggang Sangmyong Export Processing Company exhibits nine kinds of construction toys on the themes of history and life.

The "Turtle Ship" carrying 11 figures like Admiral Ri Sun Sin who left an indelible trace in the world's history of naval battles, guns and oars, is made like a real object with 1 020 pieces. Another construction toy "Soft drink stand" consists of a round table with cloth screen and several figures. The toys are very favoured by children as they help them have a good understanding of the Korean history and culture and foster concentration, creativity and the sense of space.

Standouts are leather clothes, coats, caps and other leather products, functional foodstuffs, cosmetics making the skin healthy and beautiful, modern and refined furniture, and intelligent TV with high resolution which ensures security of system.

During the exhibition, a lecture was given on the leadership exploits performed by the General Secretary in the sector of light industry and there are sectoral experience and sci-tech presentations and technical exchanges among participating units.

Through the event, people become more convinced of the future to be more abundant and civilized as they witness the developments and potentials of ever-growing light industry.



Jang Jin Hyok



An Sun Yong



Ri Myong Gum





# Science Library of Kim Il Sung University undergoes renovation

By Hwang Jong Ryol PT

The Science Library of Kim Il Sung University in the capital city of Pyongyang was wonderfully refurbished last October.

The library is on Ryongnam Hill, the centre of the university compound. The building boasting modern architectural beauty is located in a forest which is filled with clean and fresh air and where chipmunks and squirrels come and go freely and birdcalls are heard and the nature-friendly environment provides students with ideal conditions for study.

More than 70 years have passed since it was inaugurated on October 1 1946.

The library can house more than 1.2 million books with over 1 000 seats and a total floor space of some 11 000 square metres.

There are many books sent by President Kim Il Sung, Chairman Kim Jong Il and the respected Comrade Kim Jong Un who paid close attention to the development of education at the university.

"The library has been built in an open-stack style and it is at a high level in the modernization of book information," said Kwon

Sung Hyok, deputy curator of the library.

It consists of one storey underground and three-storey superstructure.

Its interior was designed to brighten it with the help of natural lighting through glass windows installed at the ceiling. In summer, the library gives bright and fresh feeling and in winter it provides soft emotion as warm light flows in.

In the entrance hall there are the model of the earth surrounded by planetary orbits to show the world of scientific research, an electronic screen displaying international and modern sci-tech data, a list retrieval hall, a textbook-lending room, an IT learning space, a registration room of readers, an archive and so on.

The first and second floors of the library are furnished with reading rooms of natural science and foreign language books, newspapers and magazines, a book-lending room, a discussion room, a study hall and others.

Students can read or lend necessary books after selecting them at bookcases with the help of an automatic lending machine.

Once borrowed books are returned, they are automatically sterilized by book sterilizers and kept.

Thanks to the digitization and informatization of book management, databases in different fields including all kinds of dictionaries, manuals, advanced scientific and technological information data, translated materials and national classics are on the increase and the book retrieval and classification system has been further updated according to sectors.

"I am very pleased with the fact that the science library has become multifunctional. The free selection and seeing of necessary books through the automatic lending machine has increased the reading speed and the amount of stock of data. And the sharing of study experience and discussion with students from different faculties helps me acquire a wealth of knowledge," said Yun Jo Hyok, student of the chemistry faculty.

The library helped authoritative scholars and professors and doctors in their 20s and 30s acquire vast knowledge, namely Professor Im Song Jin of the Physics Faculty who attracted the attention of the world scientific circles in the sector of nonlinear optics, Prof. Kim Chol Nam who cut a conspicuous figure in the



Students of Kim Il Sung University study in the newly renovated Science Library. PAK KWANG HUN / THE PYONGYANG TIMES

field of quantum optics, and Prof. Kang Jin U who was recognized as a world researcher in the cosmological field.

Students who hoisted the national flag at the Codechef, an international internet program contest, take part in competitions with the world by building a high tower of knowledge in this library.

At present, many students publish their papers on renowned international scientific journals while studying the world scientific and technological data in the

library.

According to Ri Su Hak, staffer of the library, it is associated with the warm affection and leadership of President Kim Il Sung, Chairman Kim Jong Il and General Secretary Kim Jong Un.

After Korea's liberation, the President initiated and guided the construction of the library along with the founding of the university for training national cadres and sent a large numbers of sci-tech books to the library.

Though he was very

busy with revolutionary leadership, the Chairman sent there world sci-tech books and educational facilities and saw to it that the e- and science libraries were upgraded modernly.

Today, the General Secretary who put forward the idea of attaching importance to education and talents leads the efforts to turn Kim Il Sung University into the world's first-rate institution and under his loving care the science library could be refurbished splendidly.

## A glimpse into fresh development of information technology

By Jong Hwa Sun PT

The national exhibition of achievements in informatization-2023 was held by way of virtual exhibition between October 2 and 31 on the site "Hall of national exhibition of achievements in informatization" set up in the static and mobile data communications networks under the sponsorship of the Ministry of Information Industry.

### Enhanced ability to apply advanced information technology

On show at the exhibition, which took place on the theme of "Decisive guarantee for implementing five-year plan and enthusiasm for informatization", were more than 1 200 pieces of research findings and products from over 370 units across the country including ministries, national agencies, the people's committees at all

levels and scientific research, educational and public health institutions.

Introduced, exchanged and disseminated there were extraordinary IT findings, experiences and products released in the course of providing a decisive guarantee for implementing the five-year plan and stepping up the comprehensive socialist development by upholding the decisions of the Eighth Congress of the Workers' Party of Korea and the sixth and seventh plenary meetings of its Eighth Central Committee.

The venue of the national exhibition of achievements in informatization was a realistic simulation of the environment of the Information Industry Hall of the Three-Revolution Exhibition House.

The recent exhibition was characterized by the positive application of cloud computing technology.

The technology helped the exhibition serve a

virtual experience function with which every visitor was able to directly use the programmes presented to the exhibition in virtual environment.

Among exhibits were many programs which are helpful to the country's economic growth by employing big data and IoT technologies as well as cloud computing.

They said that they were confident about the development of IT which would make a greater leap forward in the near future as they saw the advanced information technologies come closer to the economy and their life and bring real benefits to them.

Jon In Sok, deputy department director of the Ministry of Information Industry

### Popular products

"Most popular at the recent exhibition were achievements in informatization and IT showing new

developments of agricultural informatization. Especially, many research units presented lots of products conducive to developing our agriculture into the one with a good steady harvest in any natural disasters," said Ri Jong Chol, staffer of the Ministry of Information Industry.

Among them was a large greenhouse farm intelligent agricultural production system.

The system has an optimized scientific crop area distribution function, an intelligent control function of growth environment according to the growth stages of vegetables and an automatic nutrient solution supply system based on scientific calculation. As it saves 5-10% of the investment costs and increases crop yield by 7-15%, it is very helpful to making the management of vegetables in large greenhouses digitized, informatized and scientific.

There were many other

successes which made practical contributions to producing good results in this year's grain production, including the agricultural sci-tech diffusion system "Hwanggumpol (golden field)" which spreads agricultural sci-tech data and technical data related to agricultural production practice through the national data communications network, special agrometeorological information service app for smartphone "Nongopgisang (agrometeorology)" and paddy rice blade colour diagnosing program "Manphung (rich harvest)".

Products for educational informatization also held a considerable proportion.

On display there were many programs, especially those contributing to laying the foundations for closely combining school and family educations and promoting the education of preschool children.

The education support system "Paeumtho (place for learning)", which was developed and is run by the Phado (wave) IT exchange centre of the Kangwon Provincial Posts and Telecommunications Management Bureau in cooperation with a unit, is popular with parents of schoolchildren as it makes it possible for teachers to send information about their students' school records, life and homework of a day to their parents' mobile phones every day through the mobile communications network.

There are also the extracurricular study support program "Friend of parents of students", which informs parents of the progress of lessons according to textbooks and helps them learn about the abilities of their children in a short time through a test, and children's intelligence development program "Pomssiatt (spring seed)", which indicates the direction of future development and education of children by evaluating their aptitudes and talents as they solve different problems in maths, literature, fine arts and music.

# Active support to education patriotic undertaking for future of country

By Kwon Hyo Song PT

The competition for greater national strength between countries is precisely that for more advanced science and technology which hinges on education.

That's why each country increases investment in education and public interest in it grows day by day.

In the DPRK, the government spares nothing for educational work and every citizen regards support to education as a patriotic undertaking for the future of the country.

What failed to be done can be done by the coming generations, except for the upbringing of them. Neglect of their upbringing slows down the progress of the country that much.

President Kim Il Sung always paid primary attention to education and spared nothing for the upbringing of younger generations. Although he had so many state affairs to handle right after Korea's liberation in 1945, he saw to it that the pencil issue for children was solved before anything else and that schools were built first during the postwar reconstruction period when everything was destroyed.

He published the work *Theses on Socialist Education* in 1977 and explained that state guarantee for and social support to educational work should be strengthened in order to fully implement the

theses.

Chairman Kim Jong Il ensured that students took lessons at schools even in the grim period of the Arduous March and that the e-library and swimming pool at Kim Il Sung University, the e-library and gymnasium at Kim Chaek University of Technology and Pyongyang Kim Won Gyun University of Music and Dance were built as monumental structures of the times.

As he fired the whole country with the zeal for supporting schools, he made sure that October was set as a month for supporting schools so that good support was offered to educational institutions. Later he took a measure to designate March as another school-supporting month along with October so as to make the whole country take an active part in solving problems arising in the preparations for the new school year with the same attitude as parents of students.

General Secretary Kim Jong Un, with parental affection to all the students of the country, solved the problem of paper needed for textbook production and took steps to supply students with new school uniforms to suit their school types, sexual characteristics and seasons and to build such modern plants for children and students as the Mindulle Notebook Factory and Pyongyang Bag Factory.

Describing children's

happy laughter and loud singing as the powerful buzzing sound of advancing socialism, he led the efforts to build orphanages and primary and middle schools for orphans as nice palaces and homes for children and upgrade schoolchildren's palaces and children's camps located at scenic spots as required by the developing times.

The government increases investment in education, takes necessary measures for material supply and provides students with all school things, including textbooks, reference books and notebooks, and bags and footwear at state expense.

Amid growing public interest in education, ministries, national agencies and people's committees across the country positively step up the construction of model schools, the renovation of schools and the informatization and modernization of educational institutions.

Every province, city and county across the country annually host education support exhibitions and supporter organizations keep up with the actual situations of the schools under their charge to solve their problems in time.

As a result, lots of universities, schools and kindergartens are built or renovated each year, providing educational facilities with better teaching conditions and environment.

# Enthusiasm for supporting education grows throughout society

Educational condition and environment improve, teachers enjoy special privileges

By Ryom Un Gyong PT

March and October are months for support to education in the DPRK.

It is a long-established social habit of the DPRK that the enthusiasm for supporting the education sector grows during the months.

According to Kim Won Hui, deputy department director of the Education Commission, the zeal for supporting the sector was great in March and October successively this year.

In Pyongyang about 3 000 supporters' organizations in charge of over 780 schools and kindergartens provided the institutions with thousands of items of educational facilities in more than 30 kinds and hundreds of school fixtures in over 20 kinds and a large quantity of materials and much money needed for supply service for students in March.

Such support to education in March further expanded in October close to the end of this year.

Pothonggang District in Pyongyang supplied lots of modern educational

facilities to kindergartens which give STEM education combining science, art, computer, robot and English educations and provided lots of materials and much money needed for building model schools and preparing school fixtures.

It frequently inquires about problems arising in educational work and takes necessary measures.

Sosong District has improved educational conditions and environment of dozens of schools and kindergartens true to the state's intention to change the country's educational structure to give advanced education and given assistance to schools in rural areas in the outskirts of the city and a province.

The work to support education is well under way in the countryside.

Supporters' organizations in North Phyongan and South Hwanghae provinces provided schools and kindergartens with many educational facilities and school fixtures in dozens of kinds, including computers and LCD TVs, and other

North Phyongan Province and South Phyongan and South Hwanghae provinces also supplied schools and kindergartens with lots of educational facilities and materials for construction and repair during the months, making a contribution to their educational work.

A habit of giving preferential treatment to teachers ever-increases throughout the society during the months, Kim Won Hui said.

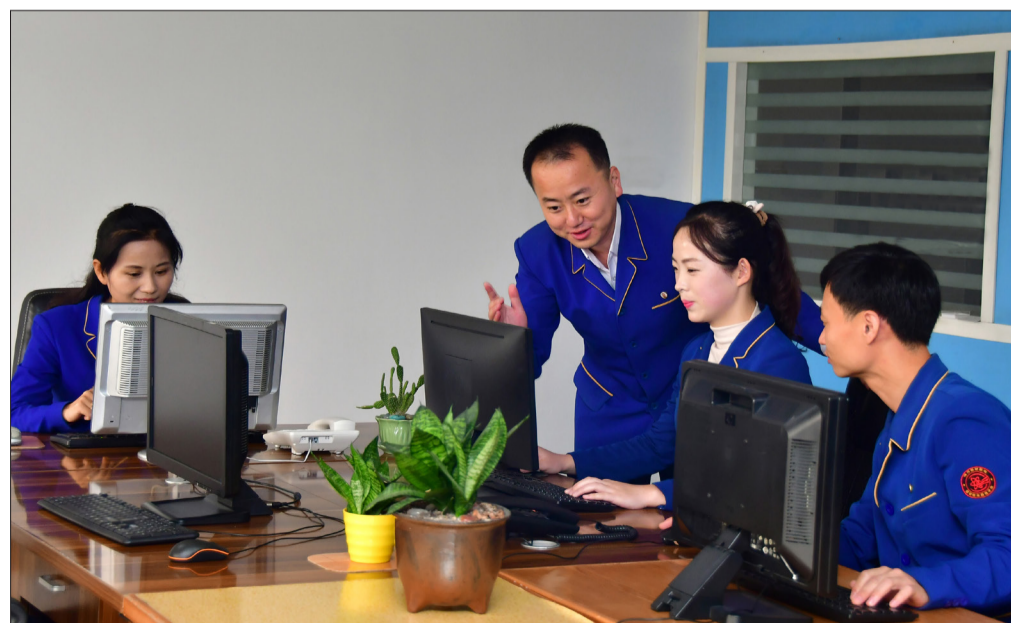
Phyongchon District in Pyongyang makes sure that all school and kindergarten teachers get special and preferential services and Unsan County in North Phyongan Province built a new livestock farming base to improve supply service for teachers.

Cities and counties, including Kaecheon City in South Phyongan Province, Kwail County in South Hwanghae Province and Munchon City in Kangwon Province, have allotted newly built dwelling houses to teachers preferentially and ensured sufficient conditions for their livelihood, making it possible for them to contribute to the educational work without any worries.

FROM PAGE 6

Successes conducive

to informatizing state administration and economic management, an energy efficiency management system helpful in making effective use of generated



Officials of the Ministry of Information Industry have a discussion to ensure the successful holding of the national exhibition of achievements in informatization-2023. RYU KWANG HYOK / THE PYONGYANG TIMES

electricity, videoconferencing system "Ragwon", an electronic newspaper display panel and others also drew the attention of visitors.

Besides, the exhibition showed that many IT products which have already become familiar with the people, including general browser "Kongang (health)", transportation means support system "Wisong (satellite)" and integrated information system "Amnal (future)", still enjoy growing popularity.

## AI program and programming contests held

The AI program competition embracing such AI technologies as face, sound and car number recognition and mechanical translation was held in the virtual environment based on cloud computing to ensure

objectivity, practicality and efficiency.

"The recognition rate at the competitions grew considerably over the previous period. The face recognition rate is over 1.5 times and in the sound recognition the difference between the first- and second-prize winners is only about 1 percent," said Cha Kyong Hye, section chief of the ministry.

"The programming contest drew whoever wanted to take part in it. It was held, divided into three groups, namely IT experts, university and college students and middle school students, and all the participants were very competitive," said Kim Jong Min, head of an office.

The online judgment system was introduced into all contests to display the results immediately after they

solved the problems.

The competitions were an important occasion for the training and management of talents in the IT sector.

Meanwhile, during the exhibition, presentations were given by veteran researchers and officials from educational and scientific research institutions and information industry units on the themes of new valuable technologies, products, experiences, ideas and solutions which will make contributions to informatization and development of the information industry of the country, including AI and information communications and devices.

The exhibition selected and announced top ten model units in informatization, top ten IT businesses, and top ten IT products in 2023.

# Iconic fitness centre helps remain young, healthy



People of different ages use exercise apparatuses and machines at the Thongil Street Fitness Centre.  
WON TONG CHOL / THE PYONGYANG TIMES

By Ryom Un Gyong PT

The Thongil Street Fitness Centre in Pyongyang is a favourite haunt of many from young people desirous of a strong physique to women keen on a slim body, persons with functional disorders and children eager for tall stature. "Since it was inaugurated in October 2012, the centre has been a place inseparable from the life of Pyongyang citizens," said service staffer Ri Nam A.

The centre consists of four floors and a basement. Fitness halls are distributed on the ground, first and second floors, fully equipped

with appropriate training apparatuses.

The hall on the ground floor is for bodybuilders, furnished with a special heavyweight apparatus and other equipment favoured by men including barbells, punchbags and punchballs.

The service workers are professional instructors and teach clients how to use equipment and help them build their physique at their request.

The fitness hall on the first floor is for women.

It has special fitness equipment for running and strengthening parts of the body, special balls and hoops for a balanced and elastic body and strength

development and pedal-type vibrators and waist massagers good for burning off excess fat.

Clients can have individual training for calisthenics there.

Service workers teach different kinds of physical exercises to the light and soft music and they are well liked by women as they are a mixture of efficient health-promoting movements helpful to treating disorders caused by stress.

The fitness hall on the second floor is equipped with more than 50 pieces of apparatuses in 30 kinds including a weight trainer and is frequented by young and middle-aged people and begin-

ners. They are able to get technical services for basic training according to their physical features.

The centre has also a therapeutic exercise hall.

In health recovery rooms Nos. 1 and 2 of the hall on the first floor, the physical constitutions of clients are classified and their health conditions are analysed based on traditional Korean medicine by using different measuring devices and prescriptions for exercises are given to them according to sex, age and physical features.

Various diseases are treated by dint of sophisticated appa-

doing exercise in all the fitness halls of the centre in real time by dint of an integrated exercise service support system to enable the clients to do exercises appropriate for their physical constitutions.

Health recovery room No. 3 provides scientific beauty treatment service according to skin conditions by researching and applying a skin diagnosis method based on a skin checking and measuring instrument.

According to Ri Nam A, most clients come to the centre between 6 and 8 pm after a day's work and about 1 500 people visit it on holiday.

## Centre relieves fatigue, boosts energy

By Kim Hak Chol PT

The Thongil Street Fitness Centre has fitness halls, sports halls where many people can play different games, a sports park, underwater ultrasonic pool for relieving fatigue and saunas for treatment.

Visitors to the centre either feel the thrill of exercise to their heart's content or have a pleasant time at their leisure.

Ball games such as football, basketball, volleyball, table tennis and tennis are mass sports favoured by elderly persons as well as young people.

So, table-tennis rooms in the basement and on the second floor of the centre are always crowded with people. In particular, the one on the second floor is crowded with many onlookers as there are matches between able amateurs.

Table-tennis competitions between workshops or amateurs also take place in the table tennis rooms on the



occasion of national holidays or anniversaries of industrial establishments.

The sports park is also popular with many people.

Covering a vast area, it has seats for hundreds of people, a football pitch, basketball, volleyball and tennis courts, a roller-skating rink that can also be used as 100 and 400m running tracks if necessary and several roller-skating skill displaying grounds.

Working people, youth and students also frequent the park to spend a pleasant time playing a variety of sports

games.

Thrilling football matches between enterprises are spectacular, and young amateurs in volleyball matches have techniques high enough to put even experts in the shade.

On the other hand, schoolchildren with roller-skates on dash towards the tracks after displaying all sorts of skills, striking spectators with wonder and admiration.

People also frequent the underwater ultrasonic pool on the ground floor and the sauna for treatment in the

basement.

Fitness and sports halls also have shower rooms, but if you enjoy yourself in a pool with ultrasonic water jet facilities after playing sports, you feel refreshed free from all fatigue.

Visitors to the centre also like to go to the cosy saunas for treatment as treatment there is highly effective.

Each of Kumgang medicinal stone, agate, hard charcoal, yellow earth and other saunas has its own unique curative effects.

The Kumgang medicinal

stone sauna vibrates cells of the human body by dint of far infrared rays from the stone, producing remarkable effects in curing arteriosclerosis, hypertensive disease and diabetes, detoxifying the body, quickly relieving mental and physical fatigue and refreshing the body. The agate sauna, by means of microwave from the stone, exerts an effect on the people who feel heavy in the head and easily feel fatigue and helps remove lipolytic products, the main cause of obesity, and acid faeces and gas left long in the intestines.

The hard charcoal and yellow earth saunas, by dint of far infrared rays from the charcoal, help supplement energy and promote blood circulation, and they serve as resting places for clients because of their suitable temperatures.

Visitors to the centre are different in age and occupation, but all of them say unanimously that they feel completely free from fatigue after relaxing through sports and enjoying good services and thus return home in a refreshed mood.



People have a good time at the video game room and underwater ultrasonic pool.  
JO RYONG / THE PYONGYANG TIMES



# Harmonious neighbourhood unit

By Kwon Hyo Song PT

Neighbourhood unit No. 22 in Segori-dong, Pothonggang District, Pyongyang, is well known as a unit full of love and life.

On October 1, old people played badminton, yut and Korean chess games and had a merry dance in the resting place of the neighbourhood unit to celebrate International Day of Older Persons.

"That day, all members of the neighbourhood unit came out to cheer the elderly players and share joy with them having a merry dance. Ours has become famous as a harmonious and united neighbourhood unit. It is unthinkable apart from the efforts of its head," said Kang Kyong Suk, an old resident.

Sin Kum Suk, intimately

called "our neighbourhood unit head" by the residents, has worked as its head for about ten years.

Since she began to work as head of the neighbourhood unit, she has learned about the living conditions and background of each family in detail and looked after their household chores like her own.

When a baby was born to the family of newlyweds, she prepared clothes for the baby and when the children of its families joined the Korean People's Army or entered a university after finishing senior middle school, she used to encourage them, giving them souvenirs she prepared with sincerity.

And when parents left houses on business trips, she took care of their children

like their mother so that they would do their jobs well free from worries about their children.

Deeply moved by her warm

sincerity for members of the neighbourhood unit, residents opened their hearts to her and took an active part in the work of their neighbourhood unit.

They call on her freely at any time whenever they have good or bad news and housewives visit their neighbours to share special foods, promoting amity with each other.

Ri Yong Suk, a resident who had once worked as a press photographer, often takes photos at wedding ceremonies or first birthday parties of children in the neighbourhood unit like their own flesh and blood. In May last year when Pyongyang was locked down due to the spread of COVID-19, she distributed medicines and foods her family had

prepared to needy families to overcome the severe difficulties together with them.

"As everything goes well in a harmonious family, so will our society be warm and national affairs run smoothly when neighbourhood units are harmonious, I think. So I only tried to fulfil my duty as head of a neighbourhood unit," said Sin Kum Suk.

Chae Hyok Gi's family have a good time on Sunday in neighbourhood unit No. 12 of Kyongru-dong, Central District, Pyongyang. PAK KWANG HUN / THE PYONGYANG TIMES



# Restaurant famous for Pyongyang onban always filled to capacity

By Ryom Un Gyong PT

Pyongyang onban is a national dish consisting of boiled rice, a staple food of Koreans, and the garnishings of chicken, mushroom and so on which are taken by pouring hot meat stock. It has long been well-known as one of the four specialties of the Pyongyang area.

Situated on one side of the main road just past Kim Il Sung Square, the Kyongnim Onban House of the Central District Chain Restaurant is widely known for the food.

The tables of the house are all occupied by diners in less than 30 minutes after it opens at lunchtime.

All of the diners express satisfaction with the dish.

According to Pak Song Sun, manageress of the restaurant, it provides service with the main emphasis placed on making Pyongyang onban, a traditional food of the Korean nation, well enough to retain national flavour.

Cook Pang Son Ok, who has a special skill in cooking the dish, offered its recipe:

"Soaked rice is boiled a bit heavily. Fried *Pleurotus ostreatus* or *Auricularia auricula* are put on the boiled rice according to season. Above that is placed boiled meat. For meat, pork and chicken are used at the ratio of 7 to 3. Then put a spoonful of spiced sauce and a mung-bean pancake garnished with fried and thinly sliced egg before pouring hot chicken soup seasoned with soy sauce as much as the rice is immersed. Then the savoury and nutritious Pyongyang onban is completed."

Saying that there is a secret recipe for making chicken soup tasty, the cook explained that when the water with chicken in it begins to boil, the lid should be opened to keep removing foam so as to obtain clear soup free from impure taste. It is necessary to adjust fire well in making mung-bean pancake, an important ingredient of the food, she said, and added that

the pancake should be cooked over light fire at first and then gradually over intense fire so that the surface of the pancake can get smooth and yellow.

"Pyongyang onban of the restaurant is sweet and savoury. I made and ate the food at home several times, but it was not as distinctively tasty as that of the restaurant. As a result, I've become a regular customer of the restaurant," said a resident of Kyogu-dong of Central District, Pyongyang.

According to Ri Jin Ok, employee of the restaurant, its recipe for Pyongyang onban was put in the local intangible cultural heritage list of the DPRK and awarded the certificate of registration of intangible cultural heritage.

The restaurant, which was highly rated and awarded diplomas several times at national and Pyongyang municipal cooking contests, also serves starch noodles garnished with sliced raw fish and other distinctive national foods.



Pyongyang onban, a Korean national food. RYU KWANG HYOK / THE PYONGYANG TIMES

# 'She was mother rather than teacher'

By Pang Un Ju PT

In April, Hyon Ye Ji, a physically handicapped girl living in neighbourhood unit No. 42, Songujadong in Mangyongdae District, Pyongyang, finished primary school with honours and entered Phalgol Junior Middle School.

Her parents Hyon Sung Il and Kim Yong Ok had never imagined that their daughter could finish her primary school course as she could not walk properly. So, when they saw her go to school in junior middle school uniform on the first day, they felt as if they were dreaming.

As she saw her daughter go to school happily for a while, Kim Yong Ok suddenly remembered the day five years ago when she met a girl teacher in the playground of Songuja Primary School in Mangyongdae District.

One evening in March 2018 when the enrolment of new pupils was well underway, Kim Yong Ok entered the primary school ground carrying on her back her daughter who nagged her to go and see the school she would attend.

Their eyes were brimming over with tears as they looked at the school building. At that time, a girl teacher approached them. She was Pak Hyon Jong who would take charge of new pupils.

At the time, Kim Yong Ok

said tearfully to the teacher that she was at a loss what to do with her daughter, because it was heartrending to see her crippled daughter and if she didn't send her to school, she would feel as if she destroyed the hope of her who was so eager to study at school.

"That night I couldn't go to sleep as their looks were on my mind. I was determined to become a true teacher who would give strength and support to the pupil suffering difficulties and bring up the future of the country well," recalled Pak Hyon Jong.

With such determination, Pak began her career as an educator and wrote the name of Hyon Ye Ji on the roll book of the class in her charge.

From the first lesson, Pak paid careful attention to Hyon, but Ye Ji didn't open her heart easily to others, only answering the teacher's question with a single word and never speaking to others first.

Pak helped Hyon, who was naturally clever but taciturn and wrote words slowly, write properly after lessons and realize that sincerity her classmates showed her was not sympathy, but love and affection.

She also made increasingly exact demands on Hyon so that she could take the lead in everything, being conscious that she was a pupil like others.

One day, Hyon who would come to school on

her mother's back didn't come.

When Pak ran to her house with anxiety after school, Hyon was sitting at the door with her four-year-old brother and looking out toward her school holding a textbook in her hand.

Her mother couldn't bring her to school because she was busy with her work.

At that time, Pak regretted having thought that she had fulfilled her duty since Hyon Ye Ji was enrolled at the school and she became her teacher and hardened her resolve to take charge of her coming to and from the school.

For five years from then, Pak carried Hyon to and from the school on her back.

She made every possible effort to cultivate the talent of the schoolgirl for literature and learned a therapy from a famous doctor for the recovery of her health.

The looks of the teacher who devoted herself to Hyon's study, life and recovery of health was gradually engraved on the child's heart as her true mother and finally she could finish the primary school course with honour.

Hyon's parents usually say to their neighbours, "She was the mother of our daughter rather than her teacher".

Now, Pak Hyon Jong often goes to her house and gives her unstinting help to achieve her dream of becoming a writer.

# DPRK-Cuba friendship grows firmer on road of socialism

By Song Jong Ho PT

Kim Jong Un, general secretary of the Workers' Party of Korea and president of the State Affairs of the Democratic People's Republic of Korea, had a historic meeting with Miguel Mario Diaz-Canel Bermudez, first secretary of the Central Committee of the Communist Party of Cuba and president of the Republic of Cuba, who visited the DPRK as the then president of the Council of State and president of the Council of Ministers of the Republic of Cuba in November 2018.

Diaz-Canel's visit to the DPRK in the crucial period of carrying on the revolutionary cause in Cuba served as a clear manifestation of the Cuban party's and government's firm stand to invariably develop bilateral relations and a great encouragement to the just cause of the Korean people struggling for the building of a powerful socialist country.

Kim Jong Un had a meeting and talks with Diaz-Canel in a friendly atmosphere, which marked a turning point to be specially recorded in the history of the development of relations

between the two parties and the two countries.

The leaders of the two countries informed each other of the successes and experience gained in the activities of the parties and states in the course of the struggle to build socialism to suit the actual conditions of their countries, expressed full support to and solidarity with them and declared their stand and will to further expand and strengthen the strategic and comradely relations of friendship and cooperation between the two parties and the two countries as required by the new era.

Kim Jong Un accorded cordial hospitality to Diaz-Canel, deepening friendship. Even at the moment of shaking hands in farewell with each other, the leaders of the two countries made a firm promise to steadily advance socialist construction in the two countries along the road of victory, upholding the banner of socialism together.

In retrospect, the two countries have created a brilliant history and tradition of cooperation and unity in the course of always fighting together on the common

front for independence, peace and socialism.

President Kim Il Sung had extended firm solidarity to the Cuban people in their just struggle to smash the imperialists' aggression and subversive moves, safeguard the gains of the revolution and build socialism since the victory of the Cuban revolution under the leadership of Fidel Castro Ruz.

As President Kim Il Sung and Chairman Kim Jong Il, together with Comrades Fidel Castro Ruz and Raul Castro Ruz, put their heart and soul into developing the DPRK-Cuba friendship, the two parties and the two countries could realize positive cooperation in all fields of politics, the economy and culture and keep step with each other in the international arena.

The DPRK-Cuba friendly relations, which were verified and consolidated in the course of the struggle for accomplishing the socialist cause, are developing into special comradely and strategic ones as required by the present times thanks to the respected Comrade Kim Jong Un and

Comrade Miguel Mario Diaz-Canel Bermudez.

The two parties and the two countries are invariably holding fast to the banner of independence against imperialism, the banner of socialism, closely supporting and cooperating with each other despite the complicated international situation.

The Cuban people, united around the Communist Party of Cuba headed by President Diaz-Canel, are struggling to defend the gains of the revolution and implement the decision of the Eighth Congress of the Party, overcoming all challenges and difficulties. They are also making efforts to boost the national economy and taking measures to increase food production and revitalize socialist state enterprises.

The Korean people actively support and extend firm solidarity to all the successes the Cuban people have achieved in socialist construction while overcoming ordeals.

The friendship and unity between the DPRK and Cuba which are advancing under the banner of socialism will become stronger and invincible.

## For progress of mankind and development of civilization

By Kim Jin Hyang PT

November 16 is the anniversary of the establishment of the United Nations Educational, Scientific and Cultural Organization (UNESCO).

A meeting of the preparatory committee for founding UNESCO was held in London, the UK, on November 16 1945 with representatives from 37 countries in attendance. UNESCO commenced its activity with the charter taking effect on November 4 1946.

Comprising over 190 countries of the world as its member nations, UNESCO aims to contribute to global peace and security by strengthening international cooperation in the fields of education, science, culture and information.

While working independently in its field, it makes a tangible contribution to ensuring global peace and security by conducting joint activities with many organizations, institutions and bodies over the world with the same purpose and intensifying cooperation with the UN's special agencies in different fields including basic education, environment and development.

It gives a positive stimulus to educational development on a global scale and channels great efforts into developing education of developing countries and improving teacher training programmes and education courses.

In the field of science, it helps make policies for the sci-tech development of member nations, encourages the training of scientists and technicians and promotes international exchanges and cooperation in wide fields. And it works to promote social science that contributes to the construction of society where justice, freedom, human dignity and moral principles are guaranteed and collect and analyze relevant statistical data.

It promotes mutual understanding of the culture of every nation in the field of culture, compiles "The history of development of science and culture of mankind" and conducts cooperation for the discovery, restoration and management of cultural relics.

It issues books in the fields of education, science, culture and information and other publications.

It has contributed to the progress and development of civilization of mankind through active activities for the past 70-odd years.

Its main partners are its national committees, the United Nations and UN special agencies and international and regional organizations.

The DPRK joined UNESCO on October 18 1974.

The country has made steady progress in education, science and technology, culture and other fields. It has taken measures to make all the people well versed in science and technology and pushed ahead with education for training larger numbers of competent talents as an important state affair.

The government promotes cooperation with other member nations of UNESCO in the fields of education, science, culture and information.

It will continue to promote international cooperation and exchanges and take an active part in the activities of UNESCO, thereby contributing to the progress and development of civilization of mankind.

## Independence is justice



**Kwon Hyo Song**  
The Pyongyang Times reporter

The world political situation remains tense and complicated due to manoeuvres of the dominationists whose mode of existence is aggression and plunder against other countries and nations.

The direction of historical development will never change although the international order has been disturbed and unexpected situations have been created by the high-handed and arbitrary practices of the dominationists. The world goes along the track of independence whether anyone likes it or not.

Because it is the law governing historical development that independence is justice and right will prevail in the end.

Human history shows that

injustice cannot prevail over justice and outdated and corrupt things cannot defeat the new.

Although the dominationists have clung to high-handedness and arbitrariness while violating the sovereignty of other nations by relying on their superior power, such practices have proved to be sheer follies accelerating their self-ruin.

Last century is a good example. To say nothing of the downfall of fascist Germany and Japan, the US suffered a miserable defeat in the war of aggression against the DPRK though it even mobilized huge troops of its vassal states.

This clearly shows that aggression and domination cannot be justified but are

doomed to failure and that justice will surely emerge victorious thanks to the struggle of the masses of the people aspiring after independence.

Still now, the dominationists and their followers are trying to realize their wild ambition for world hegemony by dint of strength, finding their way of existence in aggression and domination over other countries.

However, now that multipolarization has become the mainstream in all domains of politics, the economy and military, anti-dominationist nations are enhancing their status in the international arena day by day and the dominationists and their followers are becoming the target of censure and rejection more than ever before.

All the countries that love justice are requested to hold fast to independence and shape their destiny in an independent way.

The world peace-loving

people should never tolerate the imperialists' moves toward aggression and war against sovereign states but fight actively to prevent the danger of war and defend global peace and security.

They will have to build up their own national strength in every way in order to defend their national sovereignty.

They should wage a positive struggle for achieving international justice, transcending differences in political view, religious belief and the level of economic and cultural development. The anti-imperialist forces aspiring after independence and justice should unite firmly in order to eliminate the old international order whereby injustice prevails and establish a fair and just new international order.

Nothing can check the course of historical development toward independence.

### BYWORD

## Architecture based on people-first principle

All construction projects are for the people in the DPRK.

For the Workers' Party of Korea, the people are the very essence of the country and roots of life, and it is the core of construction to conform to their requirements and interests and promote their

wellbeing.

By pursuing the people-first architectural idea and construction policy, the Party ushered in a golden age of construction despite shortage of everything and harsh conditions, thus creating entities of great change for the

happiness of the people.

The entities include such bases for the cultural life of the people and the promotion of their health as the Munsu Water Park, Masikryong Ski Resort, Rungna People's Recreation Ground, People's Open-air

Ice Rink, Ryugyong Health Complex, Mirim Riding Club, Okryu Children's Hospital, Ryugyong Dental Hospital and Yangdok Hot Spring Resort, new modern streets and modern rural houses, and the people enjoy benefits from them.

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# Those who turn Gaza Strip into bloodbath should be punished

## US should be held responsible for situation in Middle East

By Choe Yong Nam PT

A conflict is going on between Palestine and Israel in the Middle East.

Israel's military attacks have killed many Palestinians and destroyed dwellings, hospitals and medical service facilities in the Gaza Strip.

Its Prime Minister Netanyahu said that they would "totally destroy" Hamas through large-scale ground warfare in the Gaza Strip. Israel would "wipe out" Hamas to the last man, he said, and asserted that the "destruction of Hamas is not the right of Israel but its duty".

His words are actively backed by the US.

Since the incident occurred in the Middle East, the US and the West have been inciting Israel to military attack on Hamas, talking about the "right to self-defence" of Israel.

In particular, the US is instigating the aggravation of the Middle East situation, obstructing the adoption of the decision of the UNSC appealing for an immediate and unconditional humanitarian ceasefire in the Gaza Strip. It dispatched aircraft carriers to the disputed waters and its state and defense secretaries and president flew to Israel in succession to emphasize impregnable security assistance.

What is the US' ulterior purpose?

When Israel emerged in the Middle East 75 years ago, a foreign news agency reported:

...Ten minutes after the founding of the State of Israel was proclaimed, the US announced that it recognized the State of Israel.

The Middle East is strategically very important as it is a large oilfield that holds three quarters of world oil deposits. After the Second World War, the US attempted to seize the region, which it had long coveted, taking advantage of the UK's weakened domination over the region.

The decision of the United Nations General Assembly in November 1947 on finally dividing Palestine and the appearance of the State of Israel proclaimed in May 1948 along with the withdrawal of British troops from the region were just the results of the US' moves...

The recent incident is an extension of the US' strategy for domination over the region as it intends to put Israel at the forefront in dominating the region.

Furthermore, the US aims to obtain pecuniary interests by fishing in troubled waters. Historically, the US, which sowed the seeds of discord in the Middle East, has connived at Israel's territorial expansion and unreasonable suppression of Palestinians while selling huge numbers of weapons to Israel to reap huge profits.

As the US is trying to establish domination over the Middle East by inciting Israel, the conflict between Palestine and Israel has failed to end in the Middle East and the Gaza Strip is now turning into a sea of blood again.

The US should be held fully accountable for the grave situation in the Middle East.

## Voice of denunciation rises

KCNA

They can never eradicate Palestinian resistance movement, says Iranian president to Al-Jazeera

Iranian President Seyed Ebrahim Raisi told Al Jazeera Satellite TV of Qatar on October 29 that the Zionist regime and its supporters of the US will never be able to stamp out the Palestinian resistance movement.

He noted that though the Israeli authorities recently mounted an unprecedentedly large-scale attack on the Gaza Strip in the air and sea and on the ground under the military and financial support of the US and some European countries, they could not but retreat, and stated that this was a great victory for the Palestinian people.

What is strange is that Washington urges other countries not to intervene in the war, while shamelessly offering all kinds of weapons and equipment needed for the Zionist regime to commit crimes in the Gaza Strip, he revealed.

He said it is important to know well why the deceptive Israeli authorities are committing such heinous atrocities against the Palestinian people, stating that the present war can be claimed to be a war of will waged with the country subjected to oppression, tyranny and atrocities on one side and the arbitrary and oppressive entities, namely the US, the Zionist regime and some European countries, on the other.

Branding the Israeli authorities' criminal

acts as a war crime, he said all the atrocities of having massacred women and children and even journalists and their families in the course of the hideous air raids on hospitals, churches, mosques and residential areas show that the Zionist regime has overstepped the mark.

Saying that it is an urgent matter to achieve an immediate ceasefire, remove the blockade and provide necessary aid to the suffering population in the Gaza Strip, he called on the Islamic countries to work together to meet the demand of the Islamic world related to the cause of the Palestinians.

Turkish President blames the West for atrocities in Gaza Strip

Turkish President Erdogan criticized the West for failing to prevent Israel from attacking the Gaza Strip as he addressed a rally held in support of Palestinians on October 28.

The West is mainly to blame for the killings in the region, he said, disclosing that the Western countries do not demand Israel's ceasefire though the Israel-Hamas conflict is going on for over 20 days.

Turkiye will demonstrate that it stands on the side of the Palestinians opposing the oppression by Israel, he stressed.

Mideast countries strongly censure Israel for military attacks

Middle Eastern countries are strongly denouncing Israel for escalating military attacks on Palestinians.

The Foreign Minister of

Qatar said through an SNS that Israel's expansion of ground operations would bring miserable results to civilians and produce serious humanitarian and economic crises.

The Ministry of Foreign Affairs and Expatriates of Lebanon issued a statement, in which it asserted that the actions Israel is taking free from any control or blame would plunge the Middle East and the rest of the world into the crucible of hatred and threaten regional and global peace.

The Foreign Ministry of Saudi Arabia said in a statement that it denounces all the ground operations carried out by Israel since they jeopardize the lives of the Palestinian civilians.

The foreign ministers of Jordan and Bahrain stressed the need for the Arab world to take joint counteraction to prevent the expansion of Israel-Hamas conflict.

UNGA adopts decision to call for humanitarian ceasefire in Middle East

The UN General Assembly adopted a decision to call for suspending the conflict between Palestine and Israel on October 27.

The decision appealed for an immediate, permanent and durable humanitarian ceasefire that will lead to the discontinuation of hostilities.

It also demanded that the residents in the Gaza Strip be provided with water, food, medicines, fuel, electricity, etc. immediately, continuously and without hindrance.

## Briefly

Russia

Rep to UN decries West's unjust behaviour

The Russian permanent representative to the United Nations in a recent emergency special session of the UN General Assembly asserted that the West is forcing their unilateral standpoint on the UN as to the Palestine-Israel dispute.

The West tries to see only one side of the dispute and that standpoint is being forced upon all member nations, he said.

Such behaviour does not conform with the promotion of world peace and security, he added.

Syria

Tension-exacerbating policy of the US, Europe, condemned

Syrian President Bashar al-Assad on October 26 censured the United States and Europe for heightening military tension and causing confusion on a worldwide scale.

Describing the crux of the US policy as the endless pursuit of military tension and deliberate creation of disorder, he asserted that Europe is copying such strategy.

The US and the West sacrifice other countries for the sake of their interests all the time and such a stand has instigated clashes around the world, he stressed.

Japan

Attempt to dump nuclear waste water for third time

Japan is trying to dump radioactive-contaminated water from the Fukushima nuclear power plant into the sea again despite the opposition and denunciation from the international community.

The Tokyo Electric Power Company on October 26 announced that the third round of the dumping of nuclear waste water into the sea will be enforced from November 2 to 20.

During the period, about 7 800 tons of radioactive-contaminated water will reportedly be discharged at sea like in the first and second rounds.

Germany

Country in turmoil for bomb terror threat

Incidents of bomb terrorist threat have recently occurred in succession in Germany.

Postal matters warning that explosives were planted at schools, broadcasting and railway stations and elsewhere around the country were reportedly sent there one after another on October 23-24.

Accordingly, people were evacuated from schools and other facilities.

A postal matter which was sent to a radio station read in English and Arabic: "The building will be blown up by explosives."

But no actual detection of explosives was reported.

## Rallies held in Japan against US-Japan joint military exercises

PROVIDED TO THE PYONGYANG TIMES

Recently, an atmosphere is building up in Japan opposing the joint military exercises staged by the Ground "Self-Defense Force" with the US Marine Corps in Kyushu and Okinawa to stir up danger to peace and stability in the region.

A protest rally was held with participation of more than 500 citizens from every part of Kyushu. Here, an outcry against the burden the military exercises would impose

on the area and its residents was heard. And an appeal calling for "no more tolerance for turning Okinawa, the Nansei Islands and Kyushu into military bases" was adopted.

More than a thousand people gathered in Okinawa in protest, crying out that "this is a preparation for a new war", "we cannot tolerate this exercise threatening our peaceful everyday life anymore" and "Okinawa must not be turned into a battlefield again".

At a press conference concerning the military exercises, the Governor of Okinawa stressed that "new

burdens must not develop from the expansion of these military exercises at the time when liquidation and downscaling of US military bases are being demanded". The Governor also said that "multiple crash accidents of US transport planes since last year are causing uneasiness among citizens of the prefecture".

Nearly 40 members of a citizens' organization against the US-Japan joint military exercises, the building of an ammunitions depot and the deployment of missiles staged a sit-in in front of a US military base

in Okinawa shouting out slogans such as "Stop the joint military exercises!" and "We don't need bases. We are against war!"

A similar atmosphere was building up in Osaka where a rally was sparked demanding a switchover in the authorities' policy regarding a further defense build-up of the Nansei Islands including Okinawa.

Participants in the rally unanimously condemned the current government, saying that its security policies, which include an increase in military expenditure, are made according to the security strategy of the US. They expressed grave concern that Japan and Okinawa might turn into a battlefield interposed between the US and China.



# Jipson Peak of Mt Kumsang in autumn

## Winners decided

### Results of DPRK Championships

By Ri Sung Ik PT

#### Volleyball, basketball

April 25 and Kigwancha teams became winners in the senior men's and women's volleyball games respectively.

An eye-catcher was the Sobacksu team in the men's event.

Though young in average age, the team demonstrated outstanding ability by dint of tall height, great physical strength and clever tactics and took the third place. Experts expect that it would be a future champion.

The April 25 and Kigwancha also won the senior men's and women's basketball games respectively.

#### Rhythmic gymnastics

The rhythmic gymnastics competition of the national championship took place at the Athletics Gymnasium on Chongchun Street in Pyongyang.

More than 40 gymnasts competed for gold medals in nine categories.

Pak Yu Jong from the Kigwancha Sports Club who came first in total individual rankings showed refined skills and rich artistic representation in the ball and club exercises of the apparatus finals to win the

matches. Kim Mun Ye from the same club won the hoop match in the apparatus finals.

Players of the club won a gold medal in the team event and took the first place in the team rankings, thus bagging six golds.

Meanwhile, those of the Pyongyang Sports Club snatched three golds in the team totals and team events and Kim Hae Yon two golds in the ball and ribbon matches of the apparatus finals.

#### Diving

The players of the April 25 Team triumphed in five categories of the diving event of the national championships which was divided into ten categories.

Jo Ryu Myong of the team performed such movements of high degrees of difficulty as the three-and-a-half forward somersaults in the men's low board to come first and also won the high board match. In addition he won the men's 10m platform synchronized diving together with Kim Nam Ryong by putting in a wonderful performance.

Kim Mi Hwa took the first place in the women's high board match and won the women's 10m platform synchronized diving together with Ri Hyang Sim.



A scene from a women's volleyball match of the DPRK Championships.

Im Yong Myong and Kim Mi Rae of the Pyongyang Sports Club won the men's and women's 10m platform categories respectively, and Pak Sol Hui the women's low board diving.

The top place of the mixed team category was taken by the Ministry of Fisheries Sports Club.

Yu Jong and Ko Che Won of the club came first in the mixed 10m platform synchronized diving.

#### National records broken in shooting

Eight new national records were set in the shooting event of the championships.

Shooters of the Amnokgang Defence Sports

Club broke national records in the men's 25m speed pistol team shooting and the women's 10m air rifle team shooting, while those of the Defence Sports Club of the Ministry of National Defence renewed national records in the women's 10m air rifle team and 10m air pistol shootings.

National records were also broken in the 50m three-position rifle shootings.

Players from the Defence Sports Club of the Ministry of National Defence set a new record in the 50m three-position rifle team shooting and those of the Amnokgang Defence Sports Club in the 50m three-position rifle mixed team shooting.

## Koryo Chomsongdae Observatory

By Choe Yong Nam PT

Kaesong, once the capital of Koryo Kingdom (918-1392), has the Koryo Chomsongdae Observatory, which was inscribed on the world cultural heritage list.

The observatory, which is located in Songak-dong of Kaesong, is recognized as one of the structures of the royal palace Koryo built there in its initial days.

Originally there were astronomical instruments as well as the granite platform, which still remains at present.

The square and plane platform consists of five stone pillars and the framework on them.

The four sides of the platform face the cardinal points. It is constructed

accurately and its elements are dovetailed firmly, which gives a glimpse into the high architectural skills of Korean ancestors and the extent to which their astronomy and meteorology developed.

In Koryo they observed sunspots and continued to observe them for a long time. They also systemically observed various astronomical phenomena.

Besides, their observation equipment developed, which is proved by historical data on the fact that such pieces of equipment were made to survey the movements of the sun and the moon and research their positions.

On the basis of its own astronomical observation data, Koryo already compiled five kinds of calendars in the 11th century.



Koryo Chomsongdae Observatory.

