

# The Pyongyang Times

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## Kim Jong Un visits engineering university upon its 70th anniversary

Kim Jong Un, chairman of the Workers' Party of Korea, chairman of the DPRK State Affairs Commission and supreme commander of the Korean People's Army, visited Kim Chaek University of Technology to congratulate its lecturers and researchers on its 70th founding anniversary and had a photograph taken with them.

He was greeted by President Hong So Hon and Kim Ryong Il, chairman of the university committee of the Workers' Party of Korea.

Noting that the university has made a great contribution to the country's scientific and technological education, independent development of the national economy and buildup of the country's defence capabilities, Kim Jong Un said he was pleased to meet and congratulate the lecturers and researchers on the 70th birthday of the university. He extended congratulations on behalf of the Party and government to all the lecturers and researchers who have devoted themselves to the education and scientific research for the prosperity and future of the socialist country.

Saying that the university's position and duty are very important in implementing the Party's strategic plan for building

a sci-tech power, a talent power, he expressed his expectations and belief that the lecturers and researchers would become the frontrunner and engine powerfully propelling the development of the country's science and technology and economic construction, holding higher the slogan "Let us make a leap forward by dint of science and guarantee the future by dint of education!", before having a photo session with them.

Then he went to the revolutionary museum of the university, where he recalled that President Kim Il Sung and

Chairman Kim Jong Il founded the country's first comprehensive university of technology and clearly indicated directions and ways to be followed by it in each period and at each stage of the developing revolution and led it in every aspect of its work.

Saying that the university is one of the universities the Party trusts, boasts and holds up most, he noted that the key to an economic giant building can also be held firmly when efforts are concentrated on steadily boosting the university's scientific research and education.

He referred to the need for the

university to defend the Party and revolution with brilliant successes in scientific and technological research and talents training in the future, too, by firmly carrying forward the brilliant 70-year-long tradition.

He set forth vital tasks for the university to train students as creation-oriented talents and scientists faithful to the Party and revolution with strong revolutionary spirit and high faculties of inquiry and application by steadily enhancing the quality of education as required by the new century.

It is the intention of the Party Central Committee and demand

of the revolution to turn the university into the most prestigious institute in the world, he said, and clarified the issues of improving the conditions and environment for education and content and method of education of the university, and bestowed great favours on the university.

He was accompanied by Pak Thae Song, vice-chairman of the Central Committee of the Workers' Party of Korea, and Choe Tong Myong, department director of the WPK Central Committee.

*Compiled from KCNA*



## Supreme Leader sends congratulations to Chinese President

Kim Jong Un, chairman of the Workers' Party of Korea and chairman of the State Affairs Commission of the DPRK, sent a congratulatory message to Chinese President Xi Jinping, who is also general secretary of the Central Committee of the Communist Party of China, on October 1 to mark his country's national holiday.

In the message Supreme Leader Kim Jong Un extended warm congratulations and cordial greetings on behalf of the WPK and the DPRK government and people to President Xi Jinping, the CPC and the Chinese government and people on the occasion of the 69th founding anniversary

of China.

He described the founding of China as an epochal event that brought about a fundamental turn in shaping the destiny of the Chinese people and developing its history.

He noted that since the birth of a new China, spectacular changes have been made in all fields of politics, the economy, culture and science and technology in the country over the past 69 years.

Today, he said, the resourceful and diligent Chinese people are making eye-opening successes in the struggle to attain the "two centennial goals" and realize the Chinese dream of national

rejuvenation under the strategic assignments set forth by the 19th National Congress of the CPC Central Committee, and the Korean people are rejoicing at this as their own.

It is the steadfast stand of the WPK and the DPRK government to develop the traditional DPRK-China ties onto a new stage, he emphasized.

Noting that he values the rapport he has established with Xi Jinping through three rounds of meetings, Kim Jong Un expressed his will to strive hand in hand with him to further boost the bilateral friendship, the precious legacy left by leaders of the older generations of the two countries, in keeping with the requirements of the new period.

He hoped the fraternal Chinese people would achieve greater successes in building socialism with Chinese characteristics in the new era under the leadership of the CPC with Xi Jinping as its core, and wished China prosperity and the Chinese people happiness.

## LEADING ARTICLE

# Pushing the revolution on the strength of ideology

Today, the DPRK is flexing its muscles as a socialist politico-ideological power.

It is unthinkable apart from the leadership of the Workers' Party of Korea which has victoriously advanced the revolution and construction by dint of ideology with it as the most powerful weapon in the whole period of carrying out the revolutionary cause.

The 70-odd-year history of the WPK's leadership can be called a history of ideology which demonstrated what a big role the might of ideology, the spiritual strength of the masses, plays in carrying out the revolutionary cause.

Ideology and politics play a leading role in social life and, therefore, to fortify the socialist political and ideological positions and enhance the political and ideological power is an important task to be tackled before anything else in building a powerful socialist country.

Modern military and technical means and enormous economic potentials can serve as a treasured sword of invincibility and foundations of national prosperity, when they are combined with political and ideological strength.

Throughout its revolutionary leadership, the WPK set it as the traditional mode of leadership to hold fast to ideology and

press on with the revolution and construction by dint of ideology.

The periods of a new Korea building, post-war rehabilitation, socialist construction and others decisive of the issue of the revolution and the days of trying ordeals when the Koreans should blaze the trail of history were the course of ideological campaign which has been advanced by dint of indomitable spiritual strength, the inexhaustible strength of the masses, with primary importance being attached to the ideological factor.

Despite the setbacks of socialism and the whirlwind of the anti-socialist ideological trend in the late 20th century, the Party defended the socialist ideology and ideal and firmly consolidated the political and ideological positions through revolutionary ideological offensive.

It instilled in the people a firm confidence in socialism by proving in a scientific and theoretical way that socialism is an independent ideal of the masses and justice, and the victory of socialism is inevitable.

It is the invariably fundamental principle of the Party work to solve all the problems by enlisting the spiritual strength



Pyongyang citizens march past Kim Il Sung Square in a massive parade, demonstrating their determination to keep to the path of socialism under the leadership of the Party.

of the masses with the ideology as the core.

The WPK advanced the slogan "Hasten the final victory through a revolutionary ideological offensive!" in its Eighth Conference of Ideological Workers in 2014, clearly indicating the shortcut to the buildup of the Party and the final victory of a powerful socialist nation building.

Amid the vigorous ideological

campaign, the information and motivational campaign, across the country, new spirits and speeds mirroring the times were created, including the Paektusan hero youth spirit, spirit of Kangwon Province and Mallima spirit, and a change was brought about in the people's ideological and moral qualities.

In the vigorous campaign to create the Mallima speed, new

exemplary units come into being one after another, and lots of industrial establishments carry out annual economic plans before the set time and exceed the peak year level of production.

These laudable successes clearly show again that the power of ideology is infinite and tremendous.

Jong Sun Bok

## RESPONSE

## World community hails Pyongyang inter-Korean summit

The historic inter-Korean summit in Pyongyang has been hailed by many countries around the world.

Welcoming another round of summit meeting and talks between Chairman Kim Jong Un of the DPRK State Affairs Commission and President Moon Jae In, the Ministry of Foreign Affairs and Trade of Mongolia said that the September Pyongyang Joint Declaration is of great importance in revitalizing exchange and cooperation between the north and south of Korea and establishing a durable peace mechanism.

The Laotian Foreign Ministry said it was pleased to see the Korean peninsula situation developing favourably, hoping all the relevant nations would work together to maintain the good atmosphere.

The Turkish Foreign Ministry welcomed the joint declaration signed by the top leaders of the north and south of Korea and wished the process would bring

lasting peace to the Korean peninsula, while the Indonesian Foreign Ministry said that the Pyongyang summit is a milestone which ushered in a new era on the peninsula.

The Colombian Foreign Ministry wished for lasting peace on the peninsula as desired by the Korean people and the international community. The Nicaraguan government called on the relevant nations to join efforts for peace and stability on the Korean peninsula.

The governments of many other countries including Cambodia, Vietnam, India, Belarus, Germany, Brazil, Mexico, Uruguay, Ecuador and Costa Rica expressed the expectation and belief that a new era of peace and prosperity would be ushered in on the peninsula through the implementation of the September Pyongyang Joint Declaration signed by the leaders of the north and south.

The Bulgaria-Korea Friendship Association issued a bulletin to welcome the historic

north-south summit.

Referring to the three rounds of north-south summit held and marked progress made toward inter-Korean fence mending and reunification on the Korean peninsula this year, the bulletin said all of them are the brilliant fruition of the bold decision and outstanding political acumen of DPRK Supreme Leader Kim Jong Un.

Great achievements beyond imagination have been made one after another thanks to the warm love for the nation and unshakable will of Kim Jong Un to build a prosperous reunified country with the concerted efforts of the whole nation and ensure peace and stability in the Korean peninsula and the region, it noted.

The bulletin carried the news about the north-south summit in Pyongyang and the full text of the September Pyongyang Joint Declaration adopted at the summit.

Compiled from KCNA

## INSPECTION

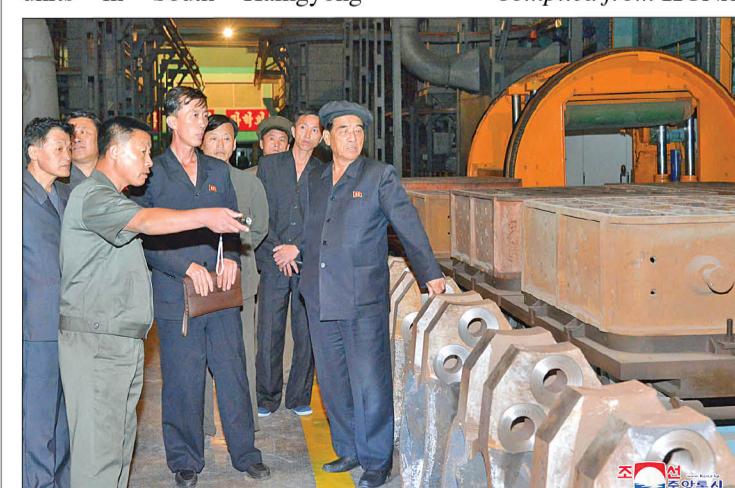
## Premier inspects South Hamgyong Province

Premier Pak Pong Ju, member of the Presidium of the Political Bureau of the Central Committee of the Workers' Party of Korea and vice-chairman of the State Affairs Commission of the DPRK, inspected the February 8 Vinalon Complex, Hungnam Fertilizer Complex, Ryongsong Machine Complex and other units in South Hamgyong

Province.

At the field consultative meetings measures were taken to solve the scientific and technological problems arising in putting production on normal footing in time and encourage scientists and technicians properly.

Compiled from KCNA



Premier Pak Pong Ju (first from right) on an inspection tour of the Ryongsong Machine Complex.

KCNA

## METAL

# Industry gets more self-supporting with completion of a huge project

Another laudable success to be conducive to the development of self-supporting metal industry has been made at the Hwanghae Iron and Steel Complex.

Workers and technicians of the complex completed a Juche-orientation project involving the construction of oxygen electric furnace and oxygen plant by displaying the spirit of self-reliance and self-development, thus opening up a good prospect for putting the production of iron and steel on a normal track by relying on local technology, fuel and raw materials 100 percent.

An inaugural ceremony took place on September 30.

It was attended by O Su Yong, vice-chairman of the Central Committee of the Workers' Party of Korea, Deputy Premier

Ro Tu Chol who is chairman of the State Planning Commission, officials in North Hwanghae Province and relevant sectors, officials and employees of the complex, and officials from relevant units.

O Su Yong conveyed a message of thanks the WPK Central Committee sent to the workers, technicians and officials of the complex.

The WPK Central Committee, in the message, said that the workers, technicians and officials made a tangible contribution to increasing the steel production of the country by completing the huge project though everything was in short supply.

Scientists and technicians drew up thousands of designs in a short time and resolved

lots of sci-tech problems, especially a new oxygen plant control system and the ferromanganese production technology based on low-grade wad, to explore the shortcut to completion, the message said, adding that the workers of the construction and overhauling company and in the sectors of repairs, power supply, transportation and supply service, and shock brigade members gave full play to the spirit of collectivism in the construction and the supply of equipment and materials. With the positive assistance of experts from the State Academy of Sciences and Kim Chaek University of Technology and skilled workers from the Ragwon Machine Complex and the Kim Chaek Iron and

Steel Complex, difficult technological problems were resolved, and citizens of Songnim including women's union members gave selfless material aid and moral support to the project, it noted.

The message said that the further improvement of the Juche iron production system at the Hwanghae Iron and Steel Complex made a breakthrough in attaining the steel production goal of the five-year strategy for national economic development.

Ro Tu Chol delivered an inaugural address, followed by speeches by Ho Pong Il, manager of the Complex, Kim Yong Chol, workshop manager of the complex, and Won Tong Chol, director of the IT Institute.

The speakers stressed the need to put the production of pig iron, steel and rolled steel on a normal track, raise the modernization and IT level of iron and steel production lines and push a project for expanding their capacity, and make collective, joint innovations together with the workers at the Kim Chaek Iron and Steel Complex and other steel producers across the country to lower production costs and produce much more quality iron and steel.

A resolution was adopted at the meeting.

After the inaugural ceremony was over, the participants looked round the newly-erected Juche iron production processes.

*Compiled from KCNA*



PHOTOS BY KCNA

The completion of a Juche-orientation project at the Hwanghae Iron and Steel Complex helps put the production on a local basis.

## FACTORY

## Tractor maker releases new model

The Kumsong Tractor Factory is making innovations in the production of a new type of tractor "Chollima-804".

The new tractor with multipurpose wheel is designed to carry out soil management and transport by connecting it with various farm machines. It is three times more powerful in traction than previous ones and very convenient to do farm work as its transmission gear is multi-staged and synchronized.

Last year the factory set up a serial production process and manufactured hundreds of tractors.

The technical personnel of the factory have conducted a technical innovation drive to upgrade production process in order to carry out the plan

for tractor production this year which is 25 % higher than last year.

They applied the CNC technology to cutting and other processing equipment to raise processing precision of all component parts and newly established general and systematic assembly lines to realize the specialization of assembly, thus increasing the working efficiency to the maximum.

They also improved technical performance of the tractor more than last year.

They changed the initial design of gear box to rationally position the steering device and raised the processing precision of gear wheels to further improve the braking and

steering performance. They also developed an integrated testing device to check the operational data of hydraulic steering wheel, thus ensuring the lifetime of the system and stability of driving. In particular, they remodelled the working system of its puller to produce higher working efficiency than before.

The new type of tractor wins favour with the customers as it has a variety of structural performance and forms to carry out not only ploughing, seed sowing and spreading of agrochemicals, but also excavation and even transshipment of manure.

The factory also attaches importance to strengthening its technical staff.

This year alone saw well over a hundred employees enrol in the study-while-working system and online course of Kim Chaek University of Technology and an increasing number of employees work hard to acquire advanced science and

technologies through the sci-tech learning space.

"A strong technical development force of our own is the most reliable guarantee for upgrading equipment and increasing production," said Hwang Man Il, chief engineer of the factory.

*By Ri Myong Jun PT*



HAM YONG SOK / THE PYONGYANG TIMES  
A new type of tractors are produced at the Kumsong Tractor Factory.

## PROFILE

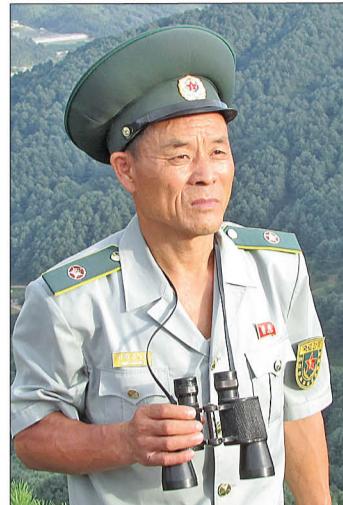
# Ranger follows in his father's footsteps

Hanging on the wall of the house of senior ranger Kang Yong Su (pictured) of the Pukjin Workers' District, Unsan County, North Phyongan Province, are two certificates of the title of Merited Ranger. One is for Kang's father Kang Yun Gyong who had worked as a ranger for 45 years after the war and the other for Kang himself who looked after the forest following in his father's footsteps as a ranger.

Originally, Unsan County was so high and rugged topographically to be covered by cloud in the middle of the mountains and the forests were so thick that even tigers came down to the mountain foot. But most of them were destroyed and devastated due to the indiscriminate plunder of natural resources by the Japanese imperialists during their military rule over Korea in the first half of the past century and the three-year Korean war between June 1950 and July 1953. Kang Yun Gyong and other villagers planted many trees in the bald mountains of their native village to turn all surrounding mountains into green forests at the end of the 1960s. In recognition of his painstaking efforts and devotion to enrich the country's forest resources, the government honoured him as one of the first holders of the title of Merited Ranger and a film was produced on the basis of the story about him.

"We, six brothers and sisters, have defended and looked after the mountains," said Kang, the second son who succeeded his father as a forest ranger.

The honour as a "forest family" is invariably being carried forward by the rising



generations.

Now thousands of hectares of mixed forests have been created in the Pukjin Workers' District.

A few years ago a thousand hectare area of Mt Amiryong was designated as a useful animal reserve.

Kang Yong Su carried out a programme to reforest and landscape more areas of land and turn them into forests for different management purposes, while protecting and preserving the natural ecological environment of the forests created by his father.

At the foot of a mountain with good sunshine are found a round cutting tree nursery with rotating spray device powered by the water of the mountain streams and a dozens of square meter-wide non-heating solar energy-based greenhouse. Hibiscus is planted around the nursery. Hibiscus root is dried, powdered and solved in water to make a thick solution. Roots of tree saplings are soaked with it before planting to ensure nearly 100 percent rate of rooting of tree saplings. Several minnow farming ponds have been built

down the valley and many bird's nests and salt pouches and additional food racks for wild animals fixed in an effort to protect animal resources of the forests.

Experts in forest and environmental protection say that the forest in the Pukjin Workers' District in Unsan County is a perfect one in terms of sapling nursery, tree planting, production of natural resources, protection of useful animals and maintenance of forest ecological environment and a very economical one which earns big profits by cultivating the forest in a three-dimensional way.

Father of two sons, Kang Yong Su intends to pass on the forests he defended and looked after to his eldest son. Now he studies at the forestry department of the faculty of horticulture at agricultural college of Phyongbuk University. He intends to come back to the native village after graduation and cultivate and enrich the forests which are associated with the sweat and blood of his grandfather and father. He is said to have already worked out a forest development plan for the next 10 years for himself. His five-year-old son Kang Ryon Yong also surprises others sometimes by saying that he would become a forest ranger like his grandfather if he is grown up.

"Forest is the eternal wealth of the country and the pride of our family. I will cultivate my dreams and ideal in the green forest like my grandfather and father," said Kang Chol, the eldest son of Kang Yong Su.

By Choe Kwang Jin PT

water-resisting qualities from locally-available raw materials without using chemicals.

They also improved the quality of Koryo paper remarkably by solving lots of practical problems arising in production, including the whitening method by the formation of natural ozone layer and the development of raw material solvent based on locally-available raw materials.

At present, the mill produces diverse kinds of paper for document preservation, calligraphy, drawing, handicraft, wall decoration and old book restoration, whose uses and making methods are different. Shortly ago, it developed a new type of Koryo paper that can bear photos and preserve them for a long time.

The Koryo paper-making technique is on the list of national intangible cultural heritage.

By Kil Chung II PT

## PAPERMAKING

# Traditional papermaking techniques passed down

The Korean nation has produced and used paper since olden times.

Relics of narrow brass dagger and brass mirror wrapped in paper several times were unearthed in a stone tomb in Ryongsan-ri, Sinchon County of South Hwanghae Province. Archeologists verified that they were used in the mid-1 000 BC.

The technique of making Koryo paper, which is elegant, tough and soft and does not change for thousands of years, has constantly been carried on even today.

The Sunan Koryo Paper Mill turns out a variety of Koryo paper by a traditional production

method.

In the course of research into the traditional paper-making method, technicians of the mill found a solution to overcome its low dampproofing.

The raw material of Koryo paper is paper mulberry, and a fibre is 9-12 millimetres long, over three times longer than that of ordinary paper raw materials.

Such characteristics of raw materials enable Koryo paper to have better combination and tensile strength and stronger preservation than other kinds of paper.

After years of research, the technicians succeeded in making Koryo paper with high

## COMMODITIES

# Factory turns out melamine goods

Products of the Mangyongdae Revolutionary Site Souvenir Factory are now winning growing popularity.

The factory, which has long been well-known to visitors to the Mangyongdae Revolutionary Site as a producer of fashionable souvenirs, has increased the variety of goods to dozens in recent years by newly setting up processes for producing melamine resin goods, various sizes of zippers and different kinds of clothing articles.

Mangyongdae-brand products made of melamine resin are especially sought-after.

Kitchen utensils and decorations made of the substance, including bowls and photo frames, are varied in shape, size and colour. They are pleasant to touch and light and do not change in shape nor crack even in extremely low temperatures. Most recently, it has introduced into production a pattern-attaching device and

advanced electrolytic plating and evaporation processes to add charm and chic to goods.

In addition, the factory produces a variety of toys, clothes and bags. The toys made of cloth or plastic are favoured by children as they are comical to suit their mind.

Its zippers have a longer lifespan and are more convenient to use than those made by other factories. The factory renovated the mode of cloth tape texturing and the composition of plastic materials in the zipper production process so as to ensure the maximum profit and increase the service life of zips. It uses them in making Sonamu-brand bags for students.

It is now conducting research into the recycling of by-products of melamine resin moulding and the development of new souvenirs made of the resin.

By Kim Kum Myong PT



KIM CHOL / THE PYONGYANG TIMES

Various types of melamine plastic goods are produced at the Mangyongdae Revolutionary Site Souvenir Factory.

## PRESENTATION

# Event focuses on potato farming

A national sci-tech achievement presentation in the field of potato research, production and processing took place at the Ryanggang Provincial Sci-Tech Exhibition Hall between September 28 and 30 under the co-sponsorship of the Central Committee of the General Federation of Science and Technology of Korea and the Academy of Agricultural Science.

It brought together officials, lecturers, researchers and postgraduate students from different units including Pyongyang Agricultural College of Kim Il Sung University, the Bioengineering Branch of the State Academy of Sciences,

Academy of Agricultural Science, Ryanggang Provincial Institute of Agricultural Science, Hyesan University of Agriculture and Forestry, and Samjiyon Potato Farina Factory.

Presented to it were scores of valuable papers which contribute to increasing potato production and solving sci-tech problems arising in potato production and processing.

The participants also shared successes and experience with each other as they looked round the venue of the exhibition at which processed potato products and vegetable insecticide were presented by different units.

Compiled from KCNA

## EDUCATION

# University updates teaching tools on IT basis

Kim Hyong Jik University of Education has made big strides in raising the quality of education a step higher by developing and introducing good teaching methods and means.

Since the outset of this year, the university has frequently arranged lectures, courses and forums on teaching methods with an eye to creating an advantageous teaching method that combines VR and AR technologies.

All the faculties kept on developing new teaching methods which are essential to the teaching practice and suited to their specific conditions.

The life science faculty developed a new human anatomical model program, while

the faculty of physics invented a 3D demonstration device.

A kind of apparatus that can vividly observe any objects including the structure of human body in a 3D space, the demonstration device was the focus of attention as the research hit helps improve the efficiency of different forms of teaching including simulations and discussions in various subjects, especially mathematics, physics and IT, stoking up the creative zeal of lecturers.

The college of pedagogy brought out an education support system which is conducive to the study of students and the teaching of lecturers and a teaching method that fosters the ability

to analyse psychological information through different facial expressions, both of which are good for raising the effectiveness of lectures.

In the course of generalizing good experience and achievements, the faculty of foreign studies developed a teaching method with which to train students to be proficient in conversation and interpretation in different circumstances, and the faculty of the arts a new teaching method which helps improve the musicianship of students on a virtual stage based on the voice and image combining technology.

The faculty of sports applied the VR sports teaching experience system to teaching practice so that students could study the characteristics of teaching contents and methods and put sports teaching methods and means to practical use in virtual lectures.

The university developed over 80 new teaching methods this year alone.

The hub of scholarship, information, data service and online education for teacher training colleges goes on with raising the quality of education as the times require guaranteeing the future by dint of education.

By Pang Un Ju PT



Students are taught with the help of a virtual reality device at Kim Hyong Jik University of Education.

## SHIPPING

# Better shipping for better future

September 27 is World Maritime Day.

Marking its 70th anniversary, the International Maritime Organization has set the theme for this year's WMD as "IMO 70: Our Heritage—Better Shipping for a Better Future".

The IMO organized a number of events and activities including a high-level forum to commemorate the anniversary.

There were a seminar, book show and lecture in the DPRK as part of the celebrations.

The events were sponsored by the Maritime Administration of the DPRK, drawing officials of the Korea Classification Society, Maritime Rescue Coordination Centre, Korea Marine Environmental Protection Centre and shipping companies and ports.

At the seminar entitled "Better Shipping for a Better Future" speakers reviewed

activities they conducted throughout the year according to the theme of this year's WMD. They also introduced the DPRK's fulfilment of related articles of the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers amended in 1978.

There were also briefings on the activities of the MA delegations to the 28th meeting of the Tokyo Memorandum of Understanding on Port State Control and the Conference on Women in Maritime Asia.

During the book show held under the theme of "Maritime Statute Books Yesterday and Today", there were a lecture and multimedia presentation on the system of performance and enforcement of national and IMO regulations.

"WMD events are very helpful for constantly raising

public awareness of shipping industry," said Kim Yong Gil, an MA official. "We will actively join the efforts of the international community for safer shipping and cleaner sea environment."

By Ri Sang Il PT

**Anglers keep their lines cast over the Pothong River winding its way around Pyongyang. Trees on the riverbanks sway in the autumn breeze and canoeists peacefully paddle by. A flock of wild ducks dabble on the river as a flight of wild geese are seen flying in the sky.**

**The river is a favourite haunt of citizens for leisure activities.**



PAK CHANG BOK / THE PYONGYANG TIMES

## HEALTH FOOD

# Trepang extract wins national patent



CHOE KWANG JIN / THE PYONGYANG TIMES

## A health food made from trepang extracts.

Trepang extract presented by the Pukchonggang Trading Company drew particular interest of consumers at the recent Pyongyang Autumn International Trade Fair.

Wild insam (ginseng) and insam on the ground and trepang in the sea have long been regarded as the best tonic good for health and longevity.

Trepang which is called "insam" of the sea is widely used for the treatment of cancer as it contains peculiar ingredients that cannot be seen in other sea creatures. In particular, it is effective for improving the immuno-function of human body, invigorating energy and curing breast tumour, chronic gastritis and hypertension.

For its remarkable medicinal efficacy, research into trepang is briskly conducted to make effective use of its efficient ingredients.

After years of research, the Pukchonggang Trading Company, which is located on the coast of the East Sea of Korea suitable for the habitation of trepang, developed an advanced technology of extracting the essence of trepang for the first time in the country.

The important thing in extracting the efficacious ingredients of trepang is to remove its fishy and alcoholic smells, while extracting all ingredients.

Developers set it as their

research orientation to extract nutrients with minimum costs to meet the domestic condition and designed its extracting process involving the separation of internal organs, washing, crashing and application of extracting solvent.

And they found out a method of refining while removing fishy and other unpleasant smells by using rice bran, free from the conventional refining method, and the knacks of improving the taste of the extract.

Based on this finding, they succeeded in the industrial extraction of trepang.

The trepang extract, a health food made by extracting various efficacious ingredients such as saponin, taurine, polysaccharide, amino acid and vitamins by dint of cutting-edge technology, helps purify blood, lower serum lipid and stabilize blood pressure. It has also anti-cancer, anti-germ, energy invigorating and senility retarding effects.

"We are working hard to develop our trepang extract into the speciality and famous product of Korea like the world-famous Kaesong Koryo insam extract," said chief developer Paek Myong Hui.

The extracting technology won a national patent last year, as well as a gold medal at the 16th national inventions exhibition this year.

By Chae Hyang Ok PT

## ELDERLY CARE

# Older people hold events to mark their holiday

Elderly people across the country had a good time celebrating International Day of Older Persons.

Artistic performances, special services and sports and cultural activities were arranged for the elderly in Pyongyang and other provinces, cities and counties.

Former unconverted long-term prisoners who are called indomitable patriotic fighters for reunification, war veterans, meritorious persons and other old people in Pyongyang saw a joint acrobatic performance given by the National Circus at

the Pyongyang Circus Theatre.

Old people held sports and amusement games at the Songyo Indoor Stadium and an angling competition on the banks of the Taedong River with enthusiastic cheers of spectators.

In the volleyball game old players unfolded breathtaking scenes with high agility and techniques of serving, receiving, passing, striking and blocking.

It attracted particular attention of the audience as they tried hard for their teams' victory full of youthful vigour and passion.

Old people visited Moran Hill,

a scenic spot of Pyongyang, and other cultural and recreational places along the Taedong River and had a good time there.

Their dancing parties to the tune of folk songs thick with national flavour added to the beautiful scenery of the capital city.

Kind service at Okryu, Chongnyu and Hyangmanru restaurants greatly delighted the aged people celebrating their holiday.

Events were also organized to congratulate on their holiday the old who have led lives of patriotism and loyalty for the prosperity of the country and the happiness of coming generations.

Party and government officials visited old people's homes with souvenirs for the aged to take care of their lives.

A workshop was held at the Taedonggang Diplomatic Club to commemorate International Day of Older People 2018, attended by officials of the Central Committee of the Korea Federation for the Care of the Aged and related units and members of Pyongyang-based diplomatic missions and country offices of international organizations.

*Compiled from KCNA*



An art performance is given at the Taedonggang Diplomatic Club for the elderly.

## LOCAL

# Mountainous county fares well on its own

Hoechang County in South Phyongan Province honoured with the title of model local industry county evokes the cheerful feelings peculiar to mountain recesses.

This mountainous county is surrounded by high mountains, and about 74 percent of its area form steep slopes.

Green forests are in good harmony with colourful low buildings on hillsides.

The buildings are neat and cosy and their interiors are also flawless.

All the structures were built with blocks and coating materials produced with locally available raw materials. The block, for instance, costs less than previously and is less affected by moisture in the rainy season and good for preventing heat loss in winter.

Solar panels are installed in every home as well as in nurseries, kindergartens, schools and bathhouses.

The Sinjidong Cooperative Farm, which is called the

"chestnut village" as it is covered with chestnut trees, presents a wonderful picture with a river meandering through it.

A pride of the county is that it fully relies on its efforts to produce condiments and other daily necessities so as to improve the residents' life.

Local officials attribute it to the development of local industry with locally abundant raw and other materials.

Actually, all factories and dwelling houses in the county greatly benefit from the small and medium-sized power plants built by its own efforts. The Jongsan Power Station located a little away from the county town generates hundreds of kW of electricity annually with the large volume of water of the Pongmyong River.

Local industry factories tap the sources of raw materials, while scientific and technological problems are solved by local efforts.

The county foodstuff factory alone built a raw materials base covering dozens of hectares and upgraded equipment, thereby overfulfilling its production plan every year.

It makes the most of natural energy resources, and has modernized the cake production process to improve the quality and hygienic safety of products.

In the soya milk production line it has replaced the steam production process based on water heater with that based on electrolysis so as to produce a large quantity of milk for its regular supply to nurseries,



A dam for the Jongsan Power Station in Hoechang County, South Phyongan Province.

## LEISURE

# Badminton games inject vigour into elderly's lives



PAK CHANG BOK / THE PYONGYANG TIMES

**A scene from the badminton tournament of senior citizens in Pyongyang.**

Sponsored by the Central Committee of the Korea Federation for the Care of the Aged, the badminton tournament of elderly citizens in Pyongyang took place at the Badminton Gymnasium on Chongchun Street in Pyongyang.

The tournament drew special attention and interest of seniors in the capital city as it was held on the threshold of International Day of Older Persons (October 1).

The annual event drew over 60 seniors to compete in the male and female singles and doubles and mixed doubles according to age groups.

Viewers were deeply impressed by their diverse techniques including strong serve, strike and

light touches which were as good as those of young people despite their advanced age.

In particular, the men's doubles (60-69) and the women's doubles (55-64) in category A were a spectacle.

The men's doubles were breathtaking all the time. The competing atmosphere heated up as the spectators enthusiastically cheered the players beating drums and gongs.

The viewers were unhappy that Ri Yong Son and Ri Thae Song, winners of last year's event, lost the first round. But the two players beat their opponents in the second and third rounds by skilfully applying different techniques to meet the situation, thus winning the game.

The women's doubles final was played between Tongdaewon District and Moranbong District.

Though they were newcomers, Ryu Chung Sim and Kim Jong Sil from Tongdaewon thrashed their opponents with a big margin beyond expectation of the spectators.

They said that they started to play badminton as part of morning exercise, but were deeply fascinated by the sport, adding they regained youthfulness and joy through the exercise.

The men's singles (above 70) final was played again between Jong Kyu Jin and Hong Son Yong who came first and second last year. Jong, 73-year-old professor and PhD, stood on the winner's rostrum again.

He proudly told well-wishers that the aged people are living happily enjoying public respect as revolutionary forerunners and the social interest in them is growing.

"Players have improved their skills remarkably over the past one year," said Pak Yong Hui, department director of the KFCA Central Committee. "We will proactively organize various sports and cultural events for the aged in the future so that they can contribute to social development in good health."

By Han Jong Ho PT

## RELATIONS

# DPRK-China friendship goes on for decades

The ties of friendship between the DPRK and China have a long history.

The bilateral ties were forged and developed by leaders of the older generation of the two countries. Kim Il Sung fought against the Japanese imperialists together with Chinese revolutionaries in the period of anti-Japanese armed struggle. He gave selfless material aid and moral support to the Chinese revolutionaries in distress in the period of a new Korea building even though everything was in short supply.

During the grim period of the Fatherland Liberation War, Chairman Mao Zedong sent lots of sons and daughters of China to the fraternal DPRK under the banner of resisting America and aiding Korea, protecting the home and defending the motherland, greatly inspiring the Korean people.

The soil of Northeast China is marked with the blood shed by Korean revolutionaries who

sacrificed themselves for the birth of a new China, and the mountains and fields of Korea are also permeated with the feats of combatants of the Chinese People's Volunteers.

Valuing the bilateral ties cultivated by President Kim Il Sung, Chairman Kim Jong Il visited China on several occasions to promote friendship between the two countries.

Today, the DPRK-China friendship is developing onto a higher stage thanks to Supreme Leader Kim Jong Un.

Particularly, the Supreme Leader visited China three times this year, confirming once again at home and abroad that the ties of DPRK-China friendship are the solid ones of blood that do not lose its original features even in the long period of tempest.

Through rounds of summit meetings and talks, the top leaders of the two countries had in-depth exchanges of opinions on the development

of bilateral relations, pending issues of the Korean peninsula situation and other important matters, and affirmed their common will to consolidate the socialist system of the two countries and bring happiness and future to the peoples of the two countries.

It is the steadfast stand of the Parties and governments of the two countries to bolster up the ties of friendship, which were forged in the sacred joint struggle for the cause of socialism and whose original features have been defended in the whirlwind of history, on a new high level, true to the noble intention of the preceding leaders.

Today marks the 69th anniversary of the establishment of diplomatic relations between the DPRK and the PRC.

The two countries will strengthen the ties of friendship and mutual bonds for common interests and prosperity.

By Song Jong Ho PT

## COMMENT

## US must free itself from self-contradiction of throwing obstacles in its own way

The proactive and leading measures related to the Korean peninsula denuclearization the DPRK took at the historic inter-Korean summit and in the September Pyongyang Joint Declaration have gathered worldwide support and welcome. However, the US still insists on "maintaining anti-DPRK sanctions".

In the UN General Assembly and UN Security Council in September the US emphasized that anti-DPRK sanctions would be maintained until denuclearization is completed and the security in the Korean peninsula depends on full observation of the anti-DPRK sanctions resolution. And US State Secretary Pompeo told the UNSC ministerial meeting that everything would be reversed unless sanctions are applied, UN member nations should respect the anti-DPRK sanctions resolution and those who violate the sanctions resolution would be called to account for it, making all the participants feel tense.

The spokesman for the US State Department and US ambassador to the UN Haley also argue that north Korea has come to the negotiating table to get out of the sanctions and sanctions would never be eased until it can be sure that there is

no north Korean nuclear threat.

It is nothing new that the US argues for maintaining sanctions against the DPRK, and after the Singapore DPRK-US summit conservative American politicians, experts and media and even the State Department and administration officials continued to trumpet about "sanctions and pressure". The rigidity and impertinence of the US really shock the world.

The DPRK has already made it clear that sanctions against it are an open challenge to and denial of its dignity and system and they will be regarded as a hostile act tantamount to a war. But the US argues for maintaining and intensifying sanctions, which shows that it has no will to hold dialogue and improve relationship with it.

The DPRK chose nuclear possession to counter the decades-long US nuclear threat and blackmail and, therefore, to properly settle the Korean peninsula nuclear issue it is necessary to remove the root cause of the issue first.

Originally, sanctions should be imposed on the US, not the DPRK, if they are related to nuclear issue.

It is an objective understanding to see the reality as it is that without giving precedence

to the improvement of the DPRK-US relationship through trust building there can be no progress towards the Korean peninsula denuclearization, and this is the scientific principle of and an inevitable procedure for the denuclearization process.

Figuratively speaking, denuclearization can be compared to the fruit of a tree of improved DPRK-US relations which is growing nourished by trust building.

To unilaterally demand actions for denuclearization in disregard of trust building and improvement of relations is as foolish an urge as to reap a harvest without farming.

It is needless to say that sanctions are a basic factor in amplifying the DPRK's distrust of the US.

It is as clear as day what the consequences may be if one party provokes the other and undermines confidence building by making such imprudent remarks as "maintaining sanctions" without respecting the dialogue partner.

To recall why the DPRK-US Agreed Framework adopted in October 1994 failed to lead to the settlement of the nuclear issue will suffice to prove it.

Though the US is impatient with the Korean peninsula

## UN SESSION

## US urged to implement DPRK-US joint statement

Foreign Minister Ri Yong Ho, head of the DPRK delegation, delivered a speech at the plenary meeting of the 73rd Session of the UN General Assembly on September 29.

He said that Supreme Leader Kim Jong Un put forth a strategic line of concentrating all efforts on the socialist economic construction last April and conducted courageous top-level diplomacy to make important breakthroughs in improving relations between the north and south and between the DPRK and US and in reenergizing the ties of friendship and cooperation with neighbouring countries, thus bringing about a new turn of drastically easing the tense situation in the Korean peninsula.

The key to consolidating peace and security in the peninsula is to thoroughly implement the DPRK-US Joint Statement which was agreed and adopted at the historic summit meeting and talks in Singapore in June, but it fails to meet due response of the US, he noted.

The US stands behind the current deadlock in implementing the joint statement, as it clings to high-handedness which is detrimental to building trust, he noted.

In less than five months, the top leaders of the north and south of Korea had three rounds of summits and talks to build confidence needed for solving all the problems arising in inter-Korean relations in a constructive way and their results prove effective in practice, he stated.

As the historic September Pyongyang Joint Declaration which was issued by the top leaders of the north and south on September 19 shows, dialogue has been revitalized in politics,

denuclearization by calling it a goal, it is really in complete self-contradiction of laying obstacles to denuclearization by itself.

More appalling is the thinking of high-ranking US politicians that the DPRK was compelled by pressure of sanctions to come to the negotiating table.

The US-led anti-DPRK sanctions did not start today or yesterday, but have persisted for over 70 years.

But never has it gained any concession from the DPRK with them.

The DPRK will, as in the past, never beg the US to lift sanctions.

As far as sanctions are concerned, they are an issue the US has to deal with for the progress of the DPRK-US negotiations and

military, humanitarianism, sports, culture and many other fields between the north and south, with the atmosphere for reconciliation and cooperation growing higher this year.

However, the political oppositions in the US are hell-bent on mudslinging, claiming that they cannot trust the DPRK, with the sole purpose to attack their political rival and are enforcing the administration to make unreasonable, unilateral demands on the DPRK, so as to impede the smooth progress of dialogue and negotiations, he noted.

The implementation of the DPRK-US joint statement is a common responsibility of the DPRK and the US, he said, adding the UN also has its role in implementing the statement.

The UN Security Council which was once so eager to express "concern" to the tense situation in the Korean peninsula rejected the proposal by some of its member states to issue a presidential statement in support of the DPRK-US summit talks and the joint statement, and the "UN command" in south Korea shows unusual signs of hindering the implementation of the Panmunjom Declaration adopted by the north and south, he stated. "The UN, especially the UNSC, is bound to support and welcome the development of the situation helpful for international peace and security, proceeding from its mission stipulated in the Charter."

The UN should really apply the theme of the session to its future activities for the settlement of the Korean peninsula issue so as to get rid of the stigma that the "UNSC is precisely the US" as early as possible, he concluded.

Compiled from KCNA

denuclearization of the Korean peninsula.

The US will gain nothing from the sanctions against the DPRK and it is the US itself that will be at a disadvantage.

This is the DPRK's principled stand on the issue of sanctions.

If it has a reasonable judgment and thinking, the US should not be stuck in "maintaining sanctions," but have a clear understanding of its dialogue partner and sincerely approach trust building, an essential prerequisite for realizing denuclearization.

The US should free itself from self-contradiction of laying obstacles to its own path and make a correct choice of meeting the requirements of the changed reality.

Jo Nam Jin

## GAMES

# Inter-provincial games at its height

The National Inter-provincial Games-2018, which began amid the rising zeal of the local people for building a sports power, are now going on at stadiums and gymnasiums in Pyongyang.

Working people, housewives, schoolchildren and sportspersons selected from Pyongyang and provinces including municipalities will compete in professional events including women's basketball, table tennis and athletics, non-professional ones including men's volleyball, badminton, Taekwon-Do, ssirum (Korean wrestling) and tug of war, and two kinds of amusement games.

Men's volleyball games are played every day at the Pyongyang Indoor Stadium.



A scene from the men's volleyball match between North Hamgyong and Ryanggang provinces.

## FOOD

# Rabbit dishes popular for medicinal herb

All the Koreans know fable "The Tale of a Hare".

According to the tale, a turtle, which is a vassal of the Dragon King is told that the fresh liver of a hare is good for the treatment of illness of the king, gets to land and lures a hare into the Dragon's Palace, but the hare returns home safely by outwitting the king and his subjects.

National food history books including *Umsikjimbang*, *Jungbosallimgyongje* and *Kyuhapchongso* say that rabbit meat is good for invigorating human body.

Rabbit has a large liver as compared to its body. As it does not produce liquid enzyme unlike other ruminants, its liver breaks down the tough, coarse fibre by discharging bile pretty well.

Rabbit's liver function is fully supplemented by *Artemisia messerschmiditiana*.

*Artemisia messerschmiditiana* grows well on mountains and fields in Korea, and as it contains essential oil, coumarin and sterol, it not only works as cholagogue and emulgent but also is used to cure jaundice, hepatitis and cholecystitis.

The good match of rabbit with the plant is evidenced by the fact that when you put dying rabbit on it, it hops about in three days.

When humans have the herb, hardened liver becomes relaxed.

Based on such characteristics of the medicinal plant, the Rabbit Meat Restaurant located in Kumsong-dong, Mangyongdae District, Pyongyang, under

Twelve provincial and municipal teams will play preliminary league matches in two groups and the top two teams in each group will advance to the semi-finals to decide the rankings.

There was a match between Rason City and North Hwanghae Province in Group A on October 1.

North Hwanghae Province scored many points from the beginning by employing a variety of tactics based on tall players Nos. 8 and 9, such as strong strike, blocking and spiking.

Rason applied countermeasures to break the strong defence of the opponent and raise its scores, but in vain.

North Hwanghae Province won the match 2-0.

Meanwhile, Kangwon Province beat South Hamgyong Province 2-0 and North Hamgyong and North Phyongan provinces defeated Ryanggang Province and Pyongyang 2-1 respectively.

Women's basketball games drawing students of juvenile sports schools and members of sports groups at schoolchildren's palaces and halls in provinces and municipalities are fierce from the beginning as they will not only decide the rankings in the event but also demonstrate the level of training reserve players and their abilities of each province.

The Group B match between South and North Hwanghae provinces attracted particular attention.

South Hwanghae Province led the opponents by scoring more points in the first and second rounds with fast breaks and lay-ups based on two- to three-person combinations, but allowed the draw in the third round. North Hwanghae Province mounted a strong offensive in the fourth round to win the match 58-43.

Earlier, South Hamgyong and North Phyongan provinces beat Jagang and Ryanggang provinces respectively.

By Jong Tang Song PT

the Korea Chongnok Trading Company serves a rich selection of rabbit dishes good for health and longevity.

All of its dishes prepared to preserve their original tastes by making the effective use of traditional recipes are cooked by using the extract of *Artemisia messerschmiditiana*.

The variety of dishes amounts to nearly a hundred including sinsollo, nourishing soup, steamed meat for recuperation, smoked meat, liver saute, mushroom saute, grilled meat and grilled tofu with meat juice, roasted crus and roasted fillet.

Every dish has no mixed taste, but is appetizing, savoury and soft as the sweet fragrance of the herb promotes the unique taste of rabbit meat.

In particular, the dishes are good for softening the liver and promoting urination.

Han Ru Min is the chief developer of the dishes.

According to him, rabbit meat is known as the best food for longevity as protein-rich albumin accounts for 40 percent of its body. And the mixing of

## EVENT

# National Foundation Day marked



KCNA

An event takes place at the Mausoleum of King Tangun to mark National Foundation Day.

An event took place in front of the Mausoleum of King Tangun on October 3 to commemorate National Foundation Day.

It brought together Kim Yong Dae, chairman of the Central Committee of the Korean Social Democratic Party who is concurrently chairman of the National Reconciliation Council, Ri Kil Song and Kim Wan Su, presidium members of the Central Committee of the Democratic Front for the Reunification of Korea, Kim Chol Hun, vice-chairman of the Pyongyang Municipal People's Committee, officials of the Council for the Reunification of Tangun's Nation, relevant officials and working people in Pyongyang. Also present there were home-visiting overseas

Koreans.

An ancestral sacrifice for Tangun was given, before Yun Jong Ho, vice-chairman of the Council for the Reunification of Tangun's Nation, delivered a keynote speech.

The speaker ardently praised the undying exploits of President Kim Il Sung and Chairman Kim Jong Il who found out the founding father of the nation with their farsightedness, scientific insight and energetic leadership and demonstrated the superiority of the nation to the whole world.

Thanks to the firm reunification will and noble love for the nation of Supreme Leader Kim Jong Un, the bright Sun of the nation, a new epochal turning point has come in improving inter-Korean relations and realizing the cause of national reunification, he said.

The victory of independent reunification cause of the nation is definite as there are solid foundations for national reunification laid by the great leaders and the outstanding national reunification idea and wise leadership of the Supreme Leader, he added.

Compiled from KCNA



HAM YONG SOK / THE PYONGYANG TIMES

Rabbit dish good for health.

