

D. School 461

Chapter 461 - Outlook

The prevailing view in the academic world is that the controlled nuclear fusion distance will take 50 years to complete, and it will always be 50 years. That is to say, in 2007, everyone expects to realize it in about 2057. By 2008, this time The node became 2058 again.

Now Lu Qiuqian has shortened this time to fifteen years. No wonder Qin Feng will be so excited; before, he thought it would be good to see the dawn of controlled nuclear fusion in his lifetime. Now, according to the time point given by Lu Qiuqian, He can witness the success of Xi and the plan during his tenure, how can you control his emotions?

“The statement that controllable nuclear fusion distance is still 50 years away is based on the constant input of crude oil. Now that we have invested such a large amount of capital and human and material resources, we can shorten the time to 15 “Yu!” Lu Qiuqian explained, “In addition, the research in the basic field is developing day by day, and it may not be used for so long in the future!”

More importantly, I am the one who presides over this project! If you change someone else, I ’m afraid it wo n’t be so smooth. Of course, this kind of self-humiliation will not be said by Lu Qiuqian, “Of course, this time is established at the Central Committee and will always give full support to the project. There will be no reduction in the way. On the basis of investment, manpower allocation to other projects, etc., if this happens, I ca n’t guarantee it! “

“You can rest assured at this point that since the Central Committee decided to start Xi and plan, it has been prepared for long-term support!” Qin Feng said firmly, “At the beginning, our predecessors have completed two bombs under such difficult conditions. Star’s big project, our situation is much better now than in the past, and there is no reason to give up such a plan halfway! “

“Actually, Xihe plan does not lack the ability of self-blood production! You know that I worked in the European Nuclear Center for a period of time. Although the European Nuclear Center mainly conducts basic research, it also produces a lot of high economic value. By-products, such as the Internet that has brought tremendous changes to the entire human society! “Lv Qiuqian took CERN as an example.” Xi and the plan involve materials, lasers, low-temperature superconductors, artificial intelligence, super batteries and other fields. Research, these are researches that can bring great economic returns, but also promote the development of China’s national defense cause! “

“Now the central stage will require blood transfusion for us at the beginning of the plan. When the economic value created by the uncertain Xi and plan will far exceed the funds provided to us by the central government,” Lu Qiuqian said confidently.

“The old man said that science and technology are the first productive force!” Qin Feng nodded and replied. “Someone said. There is nothing higher than the return on investment in science! Over the past 100 years, our country is just because of science. Only after the backwardness of technology will we be bullied by the great powers and have experienced a long period of humiliation! It is for this reason that after the founding of the People’s Republic of China, we must vigorously develop two bombs and one star under such difficult conditions; Above the head. We will never miss this opportunity to realize the great rejuvenation of the Chinese nation. “

“I know that you also take a lot of risks, but I will never let you down!” The allocation of nearly a thousandth of the annual GDP of China to a project can not be specified in detail. The situation, even the elders are under great pressure.

Using a nationwide system like this to carry out a large-scale scientific research project is actually very risky; this risk is reflected in many aspects; first, how to ensure that such investment will definitely produce results? Secondly. How to ensure the efficient use of these funds? Is there a better solution? for example. Hua Guo and Mi Guo started a certain scientific research competition at the same time. Hua Guo spent 10 billion US dollars to complete the project. Mi Guo took a genius to complete everything with 1 billion US dollars. The effect is better than Hua Guo! This let outsiders know how to evaluate?

This kind of thing is not uncommon in history, for example, led by Heisenberg, led by the Uranium Club and Oppenheimer led by top scientists such as Hahn, Geiger, Laue, Porter, Fermi, Pol, Chadway Many geniuses such as Keke and Feynman participated in the Manhattan Project to compete on the atomic bomb; Germany eventually lost a lot of money after investing a lot of money.

Of course, some of the German heavy water plants were blown up by the Allied forces. The lack of moderators and the lack of graphite purity. And Germany ’s investment is not as good as the United States. Hitler ’s policy has driven away a large number of excellent scientists, but it is also a very important reason that the Heisenberg team is not as good as the Oppenheimer team.

In this regard, Lv Qiuqian is not worried. He can be sure that he is the best scientist in this field; and now other countries have not launched such a large-scale plan; he is confident that he can realize the application of controlled nuclear fusion before all countries. .

He has confidence in these things, but the confidence of the elders may not be as good as he is. Although Qin Feng said so now, if there is no result for a long time in the future, then the next step will definitely be to cut funds and even cancel the project! He will also fall from the cloud to the bottom.

Therefore, in order to help them build confidence so that they can provide continuous support to themselves and explain the whereabouts of Xi and the planned funds to the names of Chinese people and even other countries in the world. Lu Qiuqian has to lead the team to continuously launch various results and publish these results after screening.

Those core achievements that are closely related to controlled nuclear fusion can only be notified to the elders, while other achievements such as low-temperature superconductors and super batteries that are not only applicable in the field of nuclear fusion can be directly publicized and publicized. This is the case with artificial intelligence like before.

Then Lu Qiuqian reported to Qin Feng according to the time schedule of the project he planned earlier, "The first phase is the construction phase of the experimental reactor. It will be expected to last five to six years after we settle in the base; the second phase It is the experimental stage of thermonuclear fusion operation, during which the performance of nuclear fusion fuel, the reliability of the materials used in the experimental reactor, the developability of the nuclear fusion reactor, etc. will be verified, and scientific and technical certification will be carried out for large-scale commercial development of fusion energy. The phase will last for seven to ten years! The third phase will be the final phase. At that time, the experimental reactor at the base can be dismantled and decommissioned, and the new commercial nuclear fusion power plant will begin construction at the same time! "

Qin Feng calculates the time, and if all goes well, he can hold a ribbon-cutting ceremony for the controllable fusion power plant within his term of office! "So what is the progress of research in other countries?"

Chapter 462 - Current status of international nuclear fusion research

"The internationally capable countries are the powers of the United States, Russia, the European Union, and Neon! But they are still in the trial and exploration stage, and they are still very far from the application. It can be expected that if our plan can Completed on time, then even if other countries started to catch up, we can still maintain a monopoly position of 15 to 20 years! "After speaking, Lu Qiuqian began to introduce him to the controllable nuclear fusion devices of other countries!

"Now there are mainly such major devices in the world: the TFTR tokamak device in the United States, the NIF in the country, the T20 in Lucia, and the T20 that was later shrunk to T15. The coil is small, but it is superconducting and neon JT-60. Installations, the European Union 's JET, the

International Thermonuclear Reactor Program ITER, France's Tore-Supra, Germany's Helix-7; and of course the East Superloop EAST that China has just completed! "The dominant Xi and plan may only be used as a cover to attract foreign attention for a long time to come.

Qin Feng took the teapot to fill Lu Qiujiang's teacup, and signaled him to continue to say, "I will briefly talk about the status and expectations of several more important nuclear fusion devices; first, let me talk about the country's Two large devices, the TTFT tokamak device and the national ignition device. "

"The TFTR tokamak device, as the name implies, is a type of tokamak device. It is a nuclear fusion device that uses a circular magnetic field to perform magnetic confinement. It was first built at the Kurchatov Institute of Atomic Energy in Russia. The name is The abbreviation of the prefixes of ring, vacuum, magnet, coil, etc. in Russian! "HéiyānGě drunken chapter, saving billions of new

"TFTR was built by Princeton, built and put into operation in 1982, and achieved a series of results, such as plasma confinement, heating, and tritium treatment, DT neutron activation and other fields accumulated valuable experience, but this device The scale is relatively small, and you can only do some theoretical verification work. If you want to make a bigger breakthrough, you can't rely on this gadget alone! "

"As for the construction of the national ignition plant starting in 1997, it will cost a total of 3.5 billion US dollars; construction is expected to be completed in 2009; it is the world's first large-scale device with inertial restraint fusion as the main goal; according to the design, the national ignition device can convert the total energy The 2MJ laser is used as the driving source to drive the deuterium-tritium target pellets. For the first time, the output fusion energy is greater than the input target core energy. This achievement is a milestone and marks the history of mankind towards the development of controllable inertial confinement fusion energy. However, it will take a long time for them to achieve this goal. According to my prediction, this experiment may not be completed until 13 years, and by that time Xi and the plan have already achieved this goal! According to my calculations, there are certain problems in the design of the national ignition device. The output energy it can obtain is much lower than the expectations of scientists in the United States. They plan to get an energy output of 20 megajoules through this experiment, and I calculated The result is that they can only get an energy output of 20 kilojoules, which is a thousand times worse than their original plan! "

"Neon's JT-60 device was built in 1985, costing approximately RMB 15.3 billion, and was upgraded and upgraded in 1991. Afterwards, experiments were conducted on the improvement of constrained performance and steady-state operation. The purpose was to improve the plasma Constrain the performance to study the steady-state operation of the Tokamak device; since the success of the transformation, it has obtained the highest international value in terms of energy gain factor, plasma temperature and nuclear fusion triple product; the performance is very good, but

these are the last The achievements of the century, and now it is mainly doing basic research work for ITER. “

“European Union Ring was once the largest fusion reactor in the world, and was built in Oxford, England in 1984. It was successively composed of Dr. Wester of Germany, Dr. Leby of France, Dr. Kel Hacker, Dr. Zakwe, and Palmer Dr. La led the team to carry out research work. The current person in charge is Dr. Francisco Romani of Italy. Although the reputation of these people is not well-known, we can not find much information about them in public channels, but these people are the whole Under the leadership of Europe ’s top scientists in the field of nuclear fusion, the European Union has created a new world record for fusion performance! “

“At the same time, they also used their mistakes to point us to the wrong path. For example, under all-metal wall conditions, fuel recycling is greatly reduced, dust accumulation during discharge is greatly reduced, and tungsten impurities have not caused serious damage to plasma performance. Wait, Zhejiang allows us to save a lot of time and a lot of money. “

“In recent years, due to the fall in reactor efficiency caused by the above errors, the EU ’s tight funding, and the launch of the International Thermonuclear Reactor Program, the European Super Ring ’s funding has been repeatedly reduced, and it is foreseeable that they want to create a breakthrough I am afraid that progress is unlikely! “

“Finally, let ’s talk about the current hottest project, the International Thermonuclear Reactor! This project started in 1985 with the head of the map of the Red Empire and the Reagan Initiative of the United States. It has been launched for more than a decade. It cost US \$ 1.5 billion to complete the preliminary design, which was officially launched last year! “

“I know this project. In 2003, China also participated in the negotiation of the plan and signed the plan with the EU, EU, India, Neon, South Korea, Lucia and the United States last year!” Qin Feng finally heard himself familiar Project, he interjected, “The elders are still hesitating before signing the agreement. Since we already have the Xi and plan, is it still necessary to waste money on this plan?”

“However, in the end, it will still be implemented according to the original plan. One is to prevent other countries from guessing the true intentions of Xi and the plan. Second, you can learn about the ideas of scientists from other countries by participating in the plan and provide a reference for Xi and the plan! It was also the first time that Lu Qiuqian heard.

“This plan is said to be the world’s largest nuclear fusion research project with the largest investment and the largest number of participants in addition to the Xihe project! If we only discuss

the number of top scientists, the international thermonuclear reactor program will even exceed our Xihe plan. "It is true that the scientific talents of Huaguo have been growing in recent years, but it is far worse than this seven-party organization.

"So now our biggest competitor is the International Thermonuclear Reactor Program?" Qin Feng frowned when he heard the last sentence. "Xiao Lu, who do you think our Xi and plan will compare with their progress? Hurry up? "

Chapter 463 - Tower of Babel

"There are many reasons for determining the progress of scientific research, the most important of which is funding, talent and teamwork; we are in a leading position in terms of financial support. Although the participants of international thermonuclear reactors cover the world's most important nuclear countries and the world More than half of the population, but its construction budget is only 5 billion US dollars, which is much lower than Xihe 's planned investment! "And this is the figure for 98 years. If calculated according to the current exchange rate, this cost will even Depreciation, "In the field of natural sciences, the probability of investing more money to succeed will always be higher than the one who invests less!"

"However, in the field of human resources, we are temporarily behind the international thermonuclear reactor program. In addition to Canada and Australia, it can be said that they have concentrated the top scientists of all the world's technological powers! In recent years, although a batch of students We have returned to our country, but no matter in quantity or quality, we cannot compare with the strength of the seven parties. "

Xihe's plan is like that of Naples. Although Maradona is the leader, his teammates are only second-rate players such as Bagni and Denabo, and they must add Ferrara and Carre. Although young talents like Cannavaro and Cannavaro have excellent talents, it is a pity that they are still immature. It takes time and experience to become a superstar.

The international thermonuclear reactor program is like Real Madrid in the era of the seven giants. Although these superstars are not as good as Maradona in terms of individual strength, Ronaldo, Figo, Zidane and Carlos are not Carreca and Ferrara can match.

"The overall strength and experience of these scientists from the European Union, the United States, Neon, Lucia, South Korea and India are stronger than our country! But this does not mean that they can walk in front of us!" Even the strength of the opponent Powerful, Lu Qiujian's face did not show fear.

Is like the match between Maradona's Napoli and Real Madrid's seven superstars, but Naples may not necessarily lose to Real Madrid, because the cohesion between these seven superstars can never be compared with Naples.

"On the one hand, the budget of the International Thermonuclear Reactor Program is limited, and 5 billion US dollars sounds like a lot, but it is undoubtedly a fantasy to use this fund to achieve the application of controllable nuclear fusion! This is enough to overcome the shortcomings of manpower, and our talents will continue to grow in the course of research! Good surgeons are piled up with the number of operations! With enough funds, an experiment in the International Thermonuclear Reactor Program In time. We can do it three times, five times or even ten times. Even if our staff 's background is behind them, but after so many experiments, we will always catch up and even exceed them! "

"There is another important point. Our talents are all from the same country and have common interests and goals. The International Thermonuclear Reactor Project has gathered scientists from the seven parties. This has advantages and disadvantages! The advantage is that they can let The world 's top scientists serve them. "

"The disadvantage is that the interests of these seven parties are inconsistent, even within the EU. There are also contradictions among the three major countries of Britain, Germany and France; Lucia is definitely not willing to take the lead in completing controlled nuclear fusion in the United States, nor is it willing to do so. We have obtained the data of the international thermonuclear reactor in advance to get the finished product! "

"Then, in order to prevent other countries from achieving controlled nuclear fusion before themselves, the scientists participating in each country will definitely stay in the process of research and pay close attention to the progress of scientists in other countries; I will also keep your hands if you keep one, so that the research will be smooth It's strange to proceed! "

"Not to mention the fact that the old energy giants with huge influence in all parties in the country will not be happy to see the realization of controlled nuclear fusion before energy consumption is exhausted, so they will definitely find ways to obstruct it in the process of research; the world The other major energy exporting countries will also cooperate with their actions! "

"Our country's old energy interest groups will not sit still!" Qin Feng knows that the problem that Lv Qiujian just said also exists in China, but fortunately, domestic energy groups are in the hands of the country, and China has control of the energy group. It is much stricter than other countries, whether it is three barrels of oil or other companies. Their voice is much weaker than ExxonMobil, Shell and even OPEC!

In spite of this, Qin Feng did not dare to take it lightly. Poor rats still eat cats, and rabbits will bite when they are anxious. Besides, these interest groups that have great energy, he said seriously, “No matter who it is, no matter how high it is. If we want to stop the great rejuvenation of the Chinese nation, we will definitely not appease! “

This is also an important reason for Lu Qiujian to return to his country, if he chose Rice. The government of the United States is not so easy to deal with those oil giants; although he is not afraid of the assassination of the oil giants, but if the laboratory explodes every three times, how can this work continue?

The International Thermonuclear Reactor Program is also not a suitable target, where Lu Qiujian reminded of the Tower of Babel recorded in the Bible. When all humans are united, it is enough to build a tower to heaven; but with different languages and ethnic groups, they can no longer unite together.

Basic field research like the European Nuclear Center that does not bring huge short-term benefits is not enough. Dark matter or Higgs bosons. It can take decades or even centuries for humans to really use them. Countries can be digested slowly; controlled nuclear fusion is different. This is a product that can fish the world in a short period of time. The old overlords want to continue their domination. The emerging forces want to challenge the old overlords. The declining empire wants to regain the glory of the past. The regional powers want to Become a world power.

How can such an arrogant selflessly take out what he has mastered? The future of the International Thermonuclear Reactor Program can also be expected! They may make progress at some key points, but they will never achieve a final breakthrough in a short time, which is not in the interest of all parties involved.

“Starting this year, the International Thermonuclear Reactor plans to complete the construction in 14 to 5 years, spend another 20 years on research and finally realize the application! And by that time, our results have already been put into application!” Lu Qiu Jian made a final conclusion on this topic with an optimistic tone, “I think if all goes well, when the international thermonuclear reactor has just been built, it is time for them to withdraw from the stage of history!”

Chapter 464 - Mingxiu Trail

The halo of the first Chinese Fields Prize and Nobel Prize winner in history, the first scientist who won both the Fields Prize and Nobel Prize, and the youngest Nobel Prize winner in history is now dazzling. In addition to the information provided by Lu Qiujian in the early stage, Qin Feng is convinced of the brilliant prospect he just described.

Even if he was born in a red family and has been in a high position for many years, he was a little excited and could not control his emotions. He took a few deep breaths and picked up the already cold tea to drink it in one sip. This calmed his mood a little, “Since you So optimistic about the progress of Xihe plan, then we should talk about other things! “

“Oh? What are you going to say?” Lu Qiuqian asked him to fill up the tea.

Qin Feng ’s fingers lightly tapped on the table, “Xihe plan is a space exploration plan on the bright side. If we do n’t make some sounds in this regard, it will certainly attract countless doubts at home and abroad. This is quite important for the smooth development of the plan. Disadvantages, and not to mention anything else, when meeting each year to determine the next year ’s budget, there must be a saying to convince the delegates to attend the meeting? So we formulated such a plan ... “

This time, the long talker was replaced by Qin Feng. Lu Qiuqian listened, and nodded from time to time to express his companionship. The two had a detailed conversation for more than an hour before the dinner was declared over.

“I understand, I will play your role according to your plan!” After listening to Qin Feng’s plan, Lu Qiuqian nodded and replied that he had imprinted Qin Feng’s words deeply in his mind. Bai Heyi, he looked at his heart

“Well, I will send someone to give you the detailed plan later, and other preparations are already in progress. By then, you only need to do a good job of cooperating and showing your face, and it will not delay you too much time!” Qin Feng Patience explained, “In addition to this time, some other important nodes also need your cooperation, but we calculated it when we made the plan, and it will not add up to more than a week each year.”

“It should be, but I am not embezzling the credit of others like this? Some are not so good?” Lu Qiuqian was not worried about delaying his time, but something else.

“Haha, if you are worried about these, can you help them solve some problems when they go to work together? Math is the foundation of all natural sciences. Presumably they also have a lot of problems in this regard. I want to ask you!” Qin Feng laughed heartily After that, the workload of the previous period was not light. Lv Qiuqian still completed the quality and quantity, and he still seemed to have more energy. He did not mind adding more burden to Lv Qiuqian.

“Okay, if there is a place I can help, I will do my best!” Hearing this, Lü Qiuqian felt less guilty in his heart. Although it was a work requirement, he was still a little embarrassed to do so.

“Moreover, Xi and the plan have some overlaps with their work. More contact with them will help your later work.” When it is time to leave, Qin Feng found two tickets and handed them over. In the past, “You have given us gifts, I will give you something back, this is the ticket for my lover’s concert, you can take Xiaoxia to relax together.”

Teacher Yuan is hailed as the strongest of her generation of singers, but because Qin Feng was promoted to elder, she will lay down her career to cooperate with Qin Feng’s work for a long time, and want to listen to her concert again. It was difficult, Lv Qiujian did not have a guest set, and accepted the ticket directly.

After the two teams came out, they broke up at the door to say goodbye. Seeing Xia Xiao’s smiling face, he should have a good chat with Teacher Yuan in another private room.

The next day, Lu Qiujian came to the temporary base, and Qin Feng’s people had already waited inside. He received the information prepared by the other party from his hand, and carefully looked through it. Qin Feng and he said only a rough frame yesterday. There are many details that Lu Qiujian does not understand. In order to avoid omissions, he has to study these materials thoroughly.

The other party’s information is very well prepared. Not only the current progress of each project involved in the plan, target plan, resume of the person in charge, etc., even the PPT to be prepared when the plan is implemented!

Three days later, all major media in China received notifications from relevant departments. Nobel Prize, Fields Prize, Wolf Prize winners, Xi and project leader Professor Lu Qiujian will hold news in the mass hall tomorrow afternoon. The press conference will be announced by major news, and journalists from major media will be invited to attend on time.

“Hongqi, I’ll leave it to you!” Feng Hongqi has been dug up by Penguin at this time. His main job is to track Lu Qiujian. “What do you think Professor Lu will announce at this press conference?” News? “

Feng Hongqi’s face is hard, my career has been too twisted, from the earliest basketball reporter to a football reporter, and now has become a science and technology reporter, this cross-border is too nasty! I know a lot about basketball or football, but I really do n’t understand technology!

I remember when he was digging him by Penguin.com, he used his reasoning as a liberal arts student and did n't understand cutting-edge science as a reason to refute; the person who took Penguin said: www.mtlnovel.com what! You only need to learn to write the title of Lafeng to attract readers to click in! “

Feng Hongqi was speechless about this, coupled with the fact that Penguin 's treatment was really generous, he turned to the door of Penguin. It was okay to interview football some time ago. This press conference really put him under pressure. It is estimated that it should be news related to Xi and the plan? If other news would not be used in such a formal place as the Great Hall of the People! “Facing the inquiry of colleagues, Feng Hongqi speculated.

At one o'clock the next day, Feng Hongqi came to the mass hall early and took the interview permit prepared yesterday to the scene of the press conference. He was suddenly taken aback by the shiny logos, Chao Ting Tai, Mass Daily, In addition to domestic authoritative media such as Xinhua News Agency and Firebird Television, reporters from major news agencies in the world such as the Associated Press, AFP, TASS, Kyodo, and so on. .

Waited for an hour, at two o'clock, Lu Qiuqian appeared on the podium of the press conference on time, and the flash light suddenly illuminated the entire room.

After the reporters calmed down, Lu Qiuqian directly started the topic, “Thank you very much to the media friends from home and abroad for taking the time to participate in this press conference during their busy schedule.”

Thank you for completing Lu Qiuqian's look around, and said in a solemn tone, “Next I have a major news to announce to you!”

Chapter 465 - Grand plan

There was a commotion in the group of journalists, Lu Qiuqian last time held a press conference to announce that artificial intelligence defeated the world's No. 1 player in the field of Go. This battle is bigger than last time. What will be announced What about explosive news? Was he going to make a Nobel Prize achievement in less than a year after returning home? This efficiency is too terrible?

The reporters were calm, their eyes widened, their ears raised, lest any word be missed, Lv Qiuqian on the stage made a gesture, the background wall of the press conference was replaced with a large screen, and he picked up a laser pointer Press it down, a PPT page is displayed on the big screen.

Seeing the title on the page, the reporters exclaimed, and then quickly pressed the shutter, leaving the topic on the big screen in their camera. After the incident, they were relieved a little; today I did n't run away in vain. I didn't expect this to be announced at this press conference! This is big news!

“Everyone, I believe everyone has seen this. What I want to announce this time is what Xi and the plan will achieve in the next two decades!” Lu Qiujian pointed to the topic on the big screen-the future of China’s space exploration program. The Ten-Year Plan says, “Since I took office, after nearly a year of hard work, my team and I have finally worked out a vision plan for Xi and the plan. Here I will give you a detailed introduction The goal to be accomplished in ten years! “

Press the laser pointer again, and the PPT turns to the next page. After the title, it is naturally a preface. Here is a list of a series of key projects that China intends to start in the future. “You, the future of humanity belongs to space! For an early date Entering the space age, the world ’s major scientific and technological powers such as the United States, Lucia, and the European Union have made repeated attempts. Since the founding of the country, China has begun to catch up with the international pioneering space exploration technology. After decades of accumulation, our country has been in the space of Tasso. Having accumulated enough strength and experience, it is time to start a larger space exploration program! “Enter subtitle URL: нiYaΠe · Com to watch the new chapter

The laser pointer scanned the prefaced red phrases, “For this reason, the Chinese government has raised a large amount of funds, mobilized a large amount of human and material resources into Xi and plans, and formulated a detailed plan. The key plan to break through! “Lv Qiujian read out the codenames of those sets of plans one by one,” Beidou plan, our country plans to complete the satellite navigation system with independent property rights by 2020; Skylink plan, which is in the geosynchronous orbit data Following the satellite program; Tiangong space laboratory plan; the lunar exploration project Chang’e plan; the manned spacecraft Shenzhou plan; the 500-meter-diameter spherical radio telescope plan; the large-area area multi-target fiber-spectrum astronomical telescope plan; the dark matter detection satellite Wukong plan; the gravitational wave Exploration facility Lyra Project “

The reporters on the stage secretly calculated the cost of these plans while listening to the name given by Lv Qiujian, and the results of the calculations made them dumbfounded; to complete so many projects at the same time, I am afraid that only the United States, the European Union and China The three countries have this strength!

Dozens of names were reported in one go, and Lu Qiujian stopped for a while, and waited for the reporters to digest before turning to the next page, “I believe you have just discovered it. Many of the plans I have reported have been started before. And many achievements have been made. For example, the Beidou project has launched five satellites, and the Shenzhou series of spacecraft has been successfully launched six times, two of which are manned flights ... “

“So why should I mention it again? On the one hand, these plans will be unified under the management control of Xihe plan, on the other hand, we have to change the original plan to speed

up the progress of these projects; For example, the Beidou plan originally planned to complete the launch of all satellites in 2020 and set up a satellite navigation system covering the whole world. In the new plan, we have advanced the completion time by two years, and there are new satellite models. Plan ... “Lu Qiujian pointed to a new satellite layout on the big screen to explain in detail.

“Skylink plans to launch the first satellite in April next year, and the launch time of the second and third satellites is tentatively scheduled for 2011 and 2012 ...”

“Tiangong Space Laboratory ... Shenzhou series spacecraft ... Chang’e project ... 500m diameter spherical radio telescope ... Large area multi-target fiber spectrum astronomical telescope ... “Lv Qiujian introduced the progress and new time nodes of these space projects that China has launched in turn. These are the conclusions drawn by Qin Feng’s Xi and plan management team after detailed investigation. This The time will be earlier than predicted by foreign counterparts, and will not exceed the strength of the original project team.

As for the plans just mentioned, they will all belong to the unified management of Xihe Plan. It is just a guise. By then, the funds for these projects will go around from Xihe Plan. Lu Qiujian can just use this opportunity to cover up Control the fate of the nuclear fusion program.

“Let me introduce you to the newly launched Xihe project. The first is dark matter exploration satellite Wukong.” Lu Qiujian called up a picture. “Everyone knows that dark matter was discovered at the European Nuclear Research Center last year Dark matter research is gradually becoming a hot spot in the field of basic physics; but it is not enough to rely on large colliders to study dark matter, so we launched this dark matter detection satellite program, we named this satellite Goku! “

Hearing this name, there was a burst of laughter among the reporters. I am afraid that no reporter from China would know the meaning of this name, right? “As we all know, Sun Wukong in” Journey to the West “has a pair of flaming eyes, and everything is invisible in his eyes. We also hope that our Wukong will find the trace of dark matter as soon as possible!”

Then Lu Qiujian gave the outline of the plan, “This plan will be jointly implemented by the Huajin Purple Mountain Observatory, the Beijing Institute of High Energy Physics, the National Space Science and Technology Center, and the Huaguo University of Science and Technology. The research department of the University is collaborating; the preliminary preparations for the satellite are currently underway and are expected to be launched in five to seven years! “

“Tianqin project is a gravitational wave detection experiment designed by our country. It will be jointly conducted by Beijing Normal University and Sun Yat-sen University!” Lv Qiujian took care

of his alma mater again. “We have designed newer and more powerful gravitational wave detection equipment. Ligo of the United States is competing ... “

One by one big plan was introduced by Lu Qiuqian to all the reporters who were present, and painted a wonderful picture of the scientist he is working hard to lead towards the stars and the sea!

Chapter 466 - Lunar base

At the beginning, the reporters were full of passion and listened to Lu Qiuqian’s speech with great interest, but the more they heard, the more he said that it was a bit inconsistent with today’s battle!

Although these projects are all very tall, no matter whether it is the Shenzhou plan or the Beidou plan, these Chinese countries have already started, even if there is no Lu Qiuqian, they will gradually proceed according to the schedule; and the new Tianqin plan and The Goku plan is enough for the average scientist, but the two will not exceed one billion dollars in total. It seems that they are too small!

One billion dollars is still small. It’s not that they don’t take money as money. The key is that the amount of funds announced by the Xihe plan is too scary, and their expectations for Lu Qiuqian are too high! According to their ideas, since the youngest Nobel Prize winner in history has returned to the country with such a high profile, how can he have something more exciting!

Lu Qiuqian did not make them wait too much, and soon introduced the items mentioned before, and came to the finale stage; the PPT turned the page again, and an antique picture appeared on the big screen. Chang’e leaned against the window of a palace with carved beams and looked at Wu Gang, who was sweating under the laurel tree. The five striking characters above the pattern were particularly eye-catching-Guanghan Palace Project!

Seeing these five words, some sleepy reporters blasted the pan, and what the Guanghan Palace represents in Chinese classical mythology is self-evident, and now Lu Qiuqian came up with this name Is your plan to establish a permanent base on the moon? This is something that the Americans have not done! Ferry a fright, speech, brother Guan to see the new sister Zhang

Neon Kyodo reporters are okay, they are quickly influenced by Chinese culture and they quickly guessed their intentions, and those reporters in Europe and the United States have struggled. What is special about these five words? Why do reporters in China have such a big reaction? They hurriedly asked Hua Guo reporters around them to ask.

However, Lu Qiuqian didn’t let them wait, and immediately turned to the next page. This time the pattern style changed from classical to sci-fi. In the craters of the moon, a building full of science

and technology stood upright, wearing a printed country Astronauts in flag space suits are busy in and out of the building.

Some of them have just stepped down the ramp of the spacecraft, some are carefully studying a piece of lunar ore, and others are taking care of the vigorous potatoes indoors and experimenting with various advanced instruments in the laboratory. ... At this time, Lu Qiujian did not need to speak, and those foreign journalists also understood the meaning of those five words, "God, are these Chinese people traveling all over the world not enough? Do they want the entire moon to be Become the territory of China?" An Associated Press reporter sighed in frustration while covering his forehead.

"According to the provisions of Article 5 of the Agreement on Guiding States' Activities on the Moon and Other Celestial Bodies, which entered into force in 1984: The moon and its natural resources are the common inherited property of human beings. There is no other way to own it; so I think what you worry about will not happen!" A reporter from AFP comforted.

"Come on! Whether it is NASA or the European Space Agency, although they have listed a series of lunar base plans, our government has been terrified by the huge amount of funds! There is no way to invest in this aspect. Than! When the base of Hua Guo is established, our base may not even complete the drawings! By then, can we have any way to organize the Chinese? Economic sanctions? Those housewives who can't buy discounted goods at Christmas Let any president who made this decision roll out of the White House!" The Associated Press reporter shrugged and chuckled.

"NASA has passed more than ten years since Mendel proposed the plan, and the moon base still only exists in the computers of NASA scientists! I don't think China has reached its goal so quickly!" A reporter from Reuters relaxedly It seems to him that since the younger brother of the past and the older brother of the United States can't do anything, how can the Chinese people do it?

Mendel was the former head of the Houston Space Center in the United States. He proposed the Mendel plan to build a lunar base in the early 1990s and led the scientists in the United States to begin a series of preparations. For example, the famous "Biosphere 2" experiment is the If the planned pre-experiment can maintain the ecological balance in a completely enclosed environment, it will be of great benefit to the establishment of a permanent base on the moon.

Mendel's plan will take a hundred years and hundreds of billions of dollars. According to the plan, the United States should have begun to deliver heavy infrastructure equipment to the moon, but now this matter has no shadow. Obviously they have been Delayed indefinitely.

The commotion continued for several minutes, and Lu Qiuqian did not stop. He watched them closely on the stage and waited for them to be quiet again before continuing their speech. “The Guanghan Palace project is expected to take 30 to 50 years. “He cut the Mendel project time by more than half from the beginning is divided into four steps, the first phase from now to 2012, in this phase we will launch artificial satellites to the moon Survey, select the best construction site, and prepare the design based on the data returned by the satellite. “

“In the second phase, we will launch a lunar spacecraft to carry astronauts and construction equipment to the moon, and conduct on-site surveys of previously selected locations to prepare for pre-construction; at the same time, on the earth, we will return the data based on the feedback Manufacture building components that can meet the needs of the base construction. These constructions include gravity capsules, space plant cultivation rooms and other living places that sustain astronauts on the moon, laboratories for scientific research, and small fully automated factories that mine and process moon resources “

“In the third stage, we will transport these manufactured construction components to the moon, let astronauts and robots assemble these components, establish a lunar base that can meet basic needs, and carry out a series of scientific research work, while Ready for the expansion of the base later! “

“In the fourth stage, based on the existing base, collecting the minerals in the moon rocks to produce oxygen, metals and other raw materials needed to sustain the astronauts’ survival and expand the base, expand the scale of the base, so that more astronauts can Start new life and scientific research on the moon ... “

At this time, all the reporters were silent, and all the reporters were shocked by the magnificent picture displayed by Lu Qiuqian on the big screen!

Chapter 467 - Excellent acting

“Our homeland, the earth, although it seems to be very stable now, but various threats such as climate warming, holes in the ozone layer, and energy crisis are gradually eroding the environment in which human beings live. Looking for a new home in the universe; and the moon is the closest cosmic celestial body to mankind, let the pace of mankind move towards the stars and the sea start from the moon! “Lu Qiuqian ended today’s speech with such a sensation.

“The following is the question time. Professor Lu will randomly select several media friends to ask questions. Please control the question time of each person within one minute!” The press officer came out and announced the last process of the press conference. “Free Question time will end in half an hour, please be prepared! “

As soon as the words fell, all the reporters raised their hands; Lu Qiu Jian glanced and gave the first question to the reporter wearing the Xinhua News Agency logo.

“Professor Lu, in addition to being the general manager of the Xihe Project, what role will you play in the series of plans just proposed? Will the dark matter detection satellite Goku continue your research in the dark matter field or preside over the Lyra Project? Or other?” The reporter in his thirties took the microphone and asked. In his opinion, Shenzhou and Beidou already have mature leadership teams. Lu Qiu Jian has a greater probability of choosing these two. some.

“The host of the Dark Matter Detection Satellite Program has others. He is a regular researcher at the Purple Mountain Observatory. The regular researcher has made outstanding achievements in the field of dark matter particle space detection, space astronomical observation equipment development, and data analysis. He has formulated high-air ball dark matter exploration. The plan, and has achieved significant results in the cooperative experiment with the scientific team of the United States, is the authority of the dark matter research field in China! “Of course, this is in the absence of Lu Qiu Jian,” I am very assured that there are regular researchers to preside over this project, I also believe that Researcher Chang will make a major breakthrough! “Enter subtitle URL: h1YaΠe · Com to watch the new chapter

“As for the Tianqin project, the academican of the Chinese Academy of Sciences and President Luo Zhongshan of Sun Yat-sen University will act as the principal. Since then, Professor Yang Zhenning pointed out that gravitational wave detection is a project with little investment and significant significance. Research in the field has accumulated rich experience, coupled with the full support of Beijing Normal University, I believe that this team is fully capable of accomplishing this task! “Lv Qiu Jian also helped them modify the design of the gravitational wave detector some time ago The picture, if it is really built, will be a more powerful detector than California Institute of Technology’s LIGO.

“In addition to coordinating Xi and planning, I will focus on the Guanghan Palace plan. At present, the team of the Guanghan Palace plan is close to the completion of the establishment. The research base is under intense construction. It is expected that after a while, I will be able to I have officially started my own research work! “Well, the Chang’an base is about to be built, but the focus of the research is not the moon base.

The first question is over, the reporters ’hands are raised again, and Lu Qiu Jian saw which beautiful host of the Firebird Terrace is also here today and is raising her jade hand high; Lu Qiu Jian just wanted to give the opportunity to She, but thought about it, it ’s not a good thing to be too beautiful, if there is any gossip, it ’s not good, after all ... whoh ... cough, he quickly turned his eyes and threw the opportunity to his old friend Feng Hongqi .

Slot, our company is not digging people! So much success! The leader of Penguin who came with him burst into tears with excitement. Feng Hongqi froze for a moment before he slowly took over the microphone. There was a chaos in his mind. Nima asked now that the Olympics were not suitable! What should I ask about my scientific level?

“Um ... I’m sorry, I’m not a scientific researcher, so I don’t quite understand what practical benefits the construction of the moon base can bring to human beings, so please trouble Professor Lu for us!” Feng Hongqi only held back for a long time. After asking such a question, other reporters sighed for a while.

“You asked this question very well!” Lu Qiujian praised his question and explained to the people that the moon exploration plan is equally important. “I think this question can be answered from several aspects.”

“First of all, let me talk about how NASA ’s colleagues explained this problem. Just the year before, the US House of Representatives rejected NASA ’s multi-billion-dollar space exploration program application. NASA defended this way: 500 years ago, Emperor Ming Zheng He was recalled. Since then, the technology of Hua Guo only needs to serve the limited space and events of their known world. Hua Guo no longer needs big development technology, and the Chinese people have lost their curiosity and exploration spirit in the unknown world Only the endless unknown will allow us to constantly update our existing knowledge ... If today, the Kingdom of the United States ceases its exploration of the universe, the infinite, and the unknown, the future Kingdom of the United States will be China today. “

“I do n’t think there will be any other country in the world that would regret our Zheng Guo ’s missed sailing era like this? Imagine if Zheng He ’s fleet can continue his voyage, our country will still be in the 100th. Was it humiliated by a ship and gun for over a hundred years ago, and suffered a hundred years of humiliation? “

Lv Qiujian sighed and said in a distant voice, “We Chinese people have missed the era of great navigation Do we miss the space age?”

After waiting for a while, as the Chinese reporters present came out of the regrets of history, Lu Qiujian continued, “This is a long-term impact. As for more realistic reasons, let ’s continue to look at the NASA example. In addition to manufacturing various space exploration instruments, spacecraft, and other special equipment, NASA will continue to release various by-products born in the process of space exploration and research! These by-products have greatly improved human life. “

“These by-products include infrared ear thermometers that can quickly measure body temperature, ventricular assist devices that bring gospel to heart patients, artificial prosthetics; aircraft antifreeze systems that allow aircraft to perform tasks in extreme environments, and improved radiation tires that have a longer lifespan ; Alarm sensors for detecting chemical emissions from factories, solar cells, portable wireless vacuum cleaners, and food ingredient lists that 90% of infant milk powder producers in the US will refer to ... “Lv Qiujian took a breath Reported dozens of by-products that improved the quality of human life, “These by-products have made the American people very supportive of NASA’s work. We also had such results in the previous research, and more will be born in the future. Similar results! “

“This is the practical significance of the space exploration plan!” Lu Qiujian summed up with a smile, “Maybe a great by-product such as the Internet will also be born in our laboratory someday!”

Chapter 468 - Fake play

Lu Qiujian is really in place for this wave of acting shows, especially quoting NASA’s statement about Zheng He. The Chinese reporters on the spot listened to all the blood. After hearing the byproducts behind, they could not help but be born to build a lunar base. It is not only beneficial to all generations, but also brings the feeling of immediate benefits.

I chose the media in the Mainland twice before, so the next time I gave it to the media of Pearl and Treasure Island. Lu Qiujian pointed his finger in a circle and pointed to another hostess at Firebird Terrace. Traveled to the Iraqi battlefield in person and became famous.

“Dear Professor Lu, we have just heard from the United States that you have been elected as the new foreign academician of the American Academy of Sciences! Please allow me to congratulate you here!” She took the lead in applause and then applause Gradually, all the reporters applauded for Lu Qiujian’s glory again.

After applause subsided, Lv Qiujian smiled and nodded, “Thank you very much for your congratulations, and I am very grateful to the American Academy of Sciences for giving me this honor! In the days to come, I will continue to be committed to the exchanges between the Chinese and American scientific communities! “Well, I’m fighting for some Daniel from the Dora to come to our lecture.

“So what I want to ask Professor Lu is that since the country with the highest technological level in the world has included you in their list of academicians, why haven’t you been elected as an academician of the Chinese Academy of Sciences? Is there any hidden reason?” His words are still full of various distrust of the country.

“It seems that you are not very clear about the selection system for academicians of the Chinese Academy of Sciences, I will explain it to you here!” Lv Qiujian smiled slightly, just after he returned to Beijing, Professor Zhang from Beijing Normal University heard from him that he Elected as an academician of the two academies this year is basically safe. “The Chinese Academy of Sciences supplements the academicians every two years. I returned to China last year. There was no plan for the academicians to be added last year. By this year, I have submitted the information and are waiting. The review of the Chinese Academy of Sciences and the Chinese Academy of Engineering will announce the new academicians by December; I think of that time, the questions you care about will be answered naturally! “Enter subtitle URL: [h1YaPe · Com](#) to watch New chapter

Which female host opened her mouth and seemed to want to say something, but after all, she chose to give up and sat back depressed, so the opportunity he finally got was wasted by him.

“Professor Lu, I am a reporter from the Associated Press Hammer. The question I want to ask is that you first studied a degree in mathematics at Princeton, then went to study high-energy physics at the University of Munich, and now you are back in China to do space exploration research. ! Switching from basic research to hosting research projects, will this be a waste of your scientific talent? “The fourth opportunity was given to this bearded journalist from the United States.

Would you be more surprised if you knew that what I was studying was actually controlled nuclear fusion? Lu Qiujian said in secret, “I don’t agree that you would consider me a waste of switching from basic research to hosting Xi and the project, whether it was Oppenheimer who hosted the Manhattan project or Watson who hosted the genome project. Professor, they have used their wisdom and excellent work ability to promote the development of human science and technology. I also have the confidence to promote Xi and plan to successfully complete the expected goals ... “

“Professor Lu, will Xihe plan to accept the participation of foreign scientists and scientific organizations?”

“Can you tell us whether the research results of Xihe plan are limited to peaceful use or will the results be applied to the military?”

“Please compare the difference between the Xihe planning team you are leading and NASA and the European Space Agency in America. What do you think are the advantages and disadvantages of each party?”

Questions after question were thrown out, Lv Qiujian stood gracefully on the stage and answered them one by one in a calm and calm tone. The half-hour time that the press officer said before had

already been used up. The reporters below or Lu Qiuqian on the stage didn't mean to stop. The press conference was two hours longer than expected, and the press officer had to stand up again.

"I'm sorry to inform you that Professor Lu will have another important meeting to attend in a while, so this press conference has to be declared over here! Friends of the media, if you have other questions, you can contact the Xihe Planning and Propaganda Department. We will reply in time when we apply for it!" After the press officer finished speaking, the mailbox and contact number of Xi and the project publicity department were printed on the big screen.

In terms of external propaganda, the previous scientific community in China was several orders of magnitude worse than NASA, and Lu Qiuqian, who has experienced the impact of the Internet era, knew that if you did not occupy the propaganda position, others would go back to occupy it, so he. In the team of Xihe plan, a powerful propaganda agency was also formed.

The agency will not only receive media reporters from various parties and solve various problems raised by them, but also use websites, Weibo, magazines, newspapers and other media to promote Xi and the plan to satisfy the public's curiosity about Xi and the plan. The positive image of Xihe Plan and ... Adjust the focus of the promotion to hide the truth of Xihe Plan.

The press conference officially ended. It is believed that this explosive news will soon be spread to the rest of the world through the reporters who are here today. In this way, all parties will focus their attention on China's lunar base plan, so that they can hide from the sky. Temporarily conceal the truth about the controllable nuclear fusion program.

But is the Lunar Base Project really just a guise? This is not the case; the controlled nuclear fusion projects currently studied in various countries mainly use tritium and deuterium as fuel. In the traditional tritium nuclear reaction process, with the generation of nuclear fusion energy, a large number of high-energy neutrons are generated, and these neutrons can. The devices produce extensive radioactive damage; tritium itself is radioactive; and the energy they generate is not large enough.

Is there any more suitable fuel than these? The answer is helium-3. If helium-3 is used as a reactant, it mainly produces high-energy protons instead of neutrons, which is more beneficial to environmental protection. Moreover, it is not radioactive and generates more energy than tritium and deuterium. Excellent fusion fuel.

The extractable helium-3 of natural gas on the earth is very small, only 15-20 tons, the total amount stored in the lunar soil can reach 1 million-5 million tons, according to the current level of human resource consumption, about 100 tons per year. Helium-3 can meet the needs of the entire earth, that

is to say, the total reserves of helium-3 on the moon are enough to meet the consumption of tens of thousands of human beings.

So how could Lu Qiuqian and the Chinese government give up this treasure trove of resources? The moon base will one day become a reality!

Chapter 469 - Explosive propaganda

“Good evening, friends of the audience, the main content of the whole news today is the elders of the elder group ... the prime minister ... Professor Xi Qiuqian, general manager of Xi and the plan, held a press conference in the Great Hall of the People “At seven o’clock in the evening, a familiar melody sounded, and two familiar faces appeared on the TV screens of countless families. Just after introducing the whereabouts of several elders in China, Lu Qiu was built in the Great Hall of the People The figure occupies the entire screen.

“Oh, Professor Lu, what’s the big news this time?” This is the audience who has an impression of the hype after Lu Qiuqian won the Nobel Prize last year.

“Huh? Xihe plan? Space exploration project? I’ll go and see what technology stocks are related to this. Hurry up and change all the funds on hand to technology stocks tomorrow morning!” This is a senior stock speculator, watching the whole news every day For them, it is a plan that can’t be beaten, and this will not find a business opportunity today.

“Our senior is too good! If I can join the Xihe plan after graduation, there will be no regrets in my life!” This is in the canteen of Beijing Normal University.

“Son, look at other people! Study hard, grow up and you should show your face on the news!” This is a mother who is accustomed to using other children to motivate her children.

His son, who was in high school, rolled his eyes, and he was too weak to talk to his mother, “Mom, I think you still let me go to be the president of the country. I think this is relatively difficult. “

After ten minutes of leadership, the program reached the press conference of Lv Qiuqian. The host said in a passionate tone, “Since the reform and opening up, China’s comprehensive national strength has been continuously enhanced, the level of science and technology has been gradually improved, and a number of outstanding achievements have been cultivated. The scientist, Fields Prize, Nobel Prize and Wolf Prize winner Professor Lu Qiuqian is one of them. At 2 pm Beijing time, Professor Lu Qiuqian held a press conference in the Great Hall of the People and announced Xi And the grand blueprint of the plan. “Gui Qiu Ba Dui * eye * song

Then the perspective turned to the site of the press conference. Lu Qiujian's refreshing and confident voice spread throughout the land of China. "... Beidou Project, China plans to complete its own property rights satellite navigation system by 2020; Tianlian The plan, which is the geosynchronous orbit data relay satellite plan; the Tiangong space laboratory plan; the lunar exploration project Chang'e plan; the manned spacecraft Shenzhou plan; the 500-meter-diameter spherical radio telescope plan; the large-area multi-target fiber-spectrum astronomical telescope plan ; Dark matter detection satellite Wukong plan; gravitational wave detection facility Lyra project ... "

One after another, sounding like a very high-end scientific research project, said from his mouth that pictures full of science and technology were flashing on the screen, which caused a burst of pride in the hearts of all Chinese people. Our country can also make things that only appeared in Hollywood sci-fi blockbusters in the United States!

Projects such as Shenzhou, Beidou, and Tianlian have appeared in the whole news several times before. Fortunately, the plans of Wukong and Tianqin are too basic, and they did not cause too much surprise to those laymen; When the palace plan appeared, almost everyone took a breath.

Satellite navigation systems, manned spacecraft, and even the moon landing plan are all things that the Americans have done; but the establishment of a base on the moon is the first in history!

Are we going to walk in front of the Americans? For those who grew up in the seventies and eighties, the scene before them made them unbelievable. They lived in the era of the beginning of reform and opening up. The education they received since childhood was that the United States is the most powerful country in the world, and the country is leading in technology. Several times in China. Why is it that more than thirty years have passed now, are we going to catch up or even surpass the United States?

Tonight, the hour of the news was extended by half an hour. The extra time was all about the press conference hosted by Lu Qiujian. In addition to the speech delivered by Lu Qiujian on the spot, the court station also invited Several domestic authorities in related fields explained the great significance of this plan.

When they watched the news and started to go online, they found that the main headlines of all major portals were all Lv Qiujian's press conferences. All the forums started a fierce discussion on this topic at a time; The praises built and the expectations for Xi and planning for a better future flooded the entire network.

Among them, the most users browse through Penguin. There is no way. Who can give their reporters a chance to ask questions at the press conference! Looking at the skyrocketing traffic, the leader of Penguin laughed, and was proud of his wise decision to sign Feng Hongqi.

Of course, the voice of questioning is not without it. This is not the kind of people who are drunk and I wake up on the Internet. “What kind of blind bragging, what kind of virtue are the bricks in our country?” ? I dare to pack tickets. These plans are cheating money. In the end, they haven’t been eaten by them! If they can really come up with a moon base, I will eat three pounds! “

As soon as the post was posted, was instantly pinned by netizens, “Yeah, the original Shenzhou spaceship and Beidou satellite are fake! It turns out that the members of the Nobel Prize Committee are all blind. To Professor Lu! “

“Lanzhou Biscuits!”

The poor child was instantly scolded as a dog, and finally the moderator put the post permanently on the top. After a long time, Li, irrigating and engaging the landlord became the forum ’s reserved program.

Then Firebird Terrace also launched its own news report. Lu Qiuqian’s name began to go to the Pearl, Treasure Island, and even Southeast Asia. His perfect body, handsome appearance and wise temperament instantly conquered many young girls.

By the next day, it was the turn of the paper media. Any newsstand in the country was filled with various newspapers and periodicals bearing the head of Lv Qiuqian. After the last time he won the Nobel Prize, he once again occupied the various Front page headlines for big newspapers.

After yesterday ’s TV publicity, many people were curious about Xi and the plan. The limited information released in the TV program yesterday, coupled with the characteristics of the TV program, made it impossible for them to review. Now I see this in the newspaper. On the news, they quickly took out their wallets and gathered a lot of newspapers with Lu Qiuqian’s photos as their front pages, intending to go back and study them carefully.

Then, the media of Europe, the United States and Neon and other countries also began to exert their strength. Major television networks and newspaper networks began to promote the news conference hosted by Lu Qiuqian. Throughout the world.

Chapter 470 - White House Meeting

“... Hua Guo spends tens of billions of dollars every year on this big project, and led by the most talented scientist Lu Qiuqian in the new century, this will undoubtedly disrupt the present space competition patterns, I want to know how those politicians in the White House will respond? “On the TV screen, the CNN host pointed to the lunar base renderings displayed by Lu Qiuqian at the press conference.

President Bush picked up the remote control and turned off the TV. He crossed his hands across his chest and looked around the staff in the conference room. “How do you guys think about this press conference in China?”

The number of people attending the meeting today is much more than last time, except for the old acquaintances who participated in the last meeting, including John Marburg, the President of the United States and the White House Science and Technology Policy Office Director John Marburg, Secretary of State Condoleezza Rice. This time, the addition of Defense Secretary Robert Gates, the newly appointed Admiral Michael Mullen, chairman of the Joint Chiefs of Staff, the National Aeronautics and Space Administration of the United States, the current NASA Director Michael Douglas Griffin, and the same new appointment The soon-to-be NASA chief scientist Varid-Abdradi, as well as Wendell Mendel, a scientist who once served as the head of the Houston Space Center and proposed the American lunar base program.

The position of chief scientist of NASA has been vacant for a long time since 2005. It was only after Lu Qiuqian proposed a space exploration plan in his speech at the University of Tokyo and received a positive response from the Chinese government that NASA felt the crisis and went through a series of procedures; Reed-Abudradi, the remote sensing expert who led the cryosphere science division of NASA Goddard Space Flight Center, became the new owner of this position. Take a ferry: Hey || Word || You can watch it for free without pop-ups

“Professor Marburg, Mr. Mendel, Director Griffin and Dr. Abu Dadi, I want to know how feasible this plan of China is? Will this be the smoke bomb released by the Chinese government? ? Just like we used the Star Wars plan to bring down the Red Empire, want us to invest a lot of money in the space race, thereby weakening the influence of the United States in other fields? “Condoleezza Rice First This question asked the most important point of the small bush, “On this issue, you are experts, I want to hear your opinions!”

The president’s science and technology consultant Marburg was depressed. At first, he thought that even if Lu Qiuqian returned to China, he would only continue to devote himself to basic research. Unexpectedly, he has now become the host of Xihe Project, and looks He did quite well some time ago, and those few games between artificial intelligence and professional chess players proved the problem.

The White House 's trust in him has been weakened a lot. If it were not what he was at the time, the United States would definitely increase his efforts to attract him and create various obstacles to his return to China. The person in charge of the national space exploration program; relative to the distant future of the basic field, the United States is more concerned with the current application breakthrough; they do not want Lu Qiuqian to have a Qian Xuesen-style character.

According to the blueprint he portrayed at the press conference, if he can really help the Chinese government achieve all this, then his power can be much greater than the sum of the five big red teachers.

President Bush and Admiral Gates and Mullen also set their sights on those who were named by Rice. They also wanted to know the answer to this question.

“I think from the current technical point of view, it is very difficult for China to achieve this goal!” Mendel, who had the most say on this issue, spoke first, he shrugged and said, “We proposed it seventeen years ago. A trilogy plan to conquer space: building the Space Station Freedom, establishing a lunar base, and manned landing on Mars. Now that seventeen years have passed, we have only completed the first mission, and the last two are still very far away! “

“It’s true that since the fall of the Red Empire, we have cut the budget of the space exploration program, but more importantly, the current level of human science and technology can’t meet the needs of establishing a lunar base!” Fly fast, thinking about how to use this incident to get more money for his Mendel plan, so when it comes to this, the words have changed sharply, “But the style of the Chinese government has always been pragmatic, and their aerospace technology also has its own advantages. Coupled with the leadership of Professor Lu Qiuqian, a talented scientist, maybe they really have the possibility to realize the plan! I think that any Nobel Prize winner will regard his reputation as extremely important. If he is not sure, he should not Will come up with this plan! “

In consideration of his own interests, Mendel praised Lv Qiuqian, which made Marburg’s dark face even worse when he moved in.

“I remember Mr. Mendel ’s budget at the time was 100 billion US dollars. I know how Hua Guoxi and the planned budget are allocated. If they put the vast majority of the budget into the moon base plan So maybe they can really do a miracle! “Director Griffin holds the same thoughts as Mendel,” The Apollo plan at that time also seemed like an impossible task, but we have made a huge effort The amount of money is still done! As long as there is sufficient budget investment, nothing in science is impossible! “

“The government of the United States gives you a budget of tens of billions of dollars every year! Last year, you submitted a budget of 16.25 billion dollars, and next year it will only be more than this figure! At the latest exchange rate, the funds you receive are more There are more plans and plans! Why ca n’t you do what they hope to do? ”As soon as he heard that he wanted money, President Bush could not help but start talking.

Facing the challenge of President Bush, Griffin, a highly-intelligent businessman with multiple degrees in physics, doctorate in aerospace engineering, master of electrical engineering, master of business administration, master of engineering, etc., was very calm. With this insignificant budget, there are too many research tasks undertaken by NASA. The space laboratory plan, unmanned aerial vehicle plan, international space station plan, constellation plan ... the problems we encountered in the research are getting more and more There is more money, but the funding is never enough; if the US Congress can increase the funds for Xi and the plan, we are absolutely confident that the establishment of the moon base will be completed before China! “

Want to let us win Hua Guo, no problem, just come over with money! This is what Griffin wants to express. As for whether the money can be achieved after the money is really handed, that is another question!