

D. School 391

Chapter 391 - Ask a question

Lu Qiujiang slowly walked into the conference room of the defense. The conference room had been arranged as required for the defense according to the requirements. Professors Xuft, Trineron and other members of the defense group sat on the table in front. Trish walked quietly to the chair behind them to prepare to listen to Lu Qiujiang's paper. 【

Because this reply is not a unified arrangement of the University of Munich, but Lu Qiujiang made a special application, so the only student who responded today is him! President Hu Beier also made a special trip to listen to Lu Qiujiang's reply today. Because he was not a member of the reply group, he also sat in the audience.

Lu Qiujiang went directly to the reply seat and bowed to the tutor and the classmates who came to listen to the reply, "Dear Professor Xuft, Professor Trineron ... Thank you for taking the time to participate in my defense . “

“Lü, did you plan your thoughts after graduation? President Hubert and I welcome you to become a new professor at the University of Munich!” In the view of Professor Xuft, today's reply is just a walk through, so direct Asked the questions I care about most.

President Huber also straightened up, which is also a question he wanted to know. As long as Lu Qiujiang can be left, at least for the next two decades, the University of Munich will not lack a call-to-action banner.

Professor Trineron on the right-hand side of Professor Schlufft looked at Lu Qiujiang without blinking. As long as he agreed to stay at the University of Munich, he would not have to become a villain for Bayern.

“Over the past two years, the University of Munich has left me with unforgettable memories! I am very grateful to you, President Huber, Professor Trineron, Professor Dietrich ... for your teaching, And the help of students such as Karl, Dietrich, Ludwig, and Frederick. “Since the last moment, Lu Qiujiang did not intend to hide his plan, and Taiwan began to review his studies over the past two years. And life.

At the beginning of his words, President Huber, Professor Schft, Professor Trineron and other members who participated in the defense meeting frowned, which was not like the tone of wanting to stay at the University of Munich.

“... beautiful campus. Knowledgeable teachers, friendly classmates, perfect laboratory equipment, relaxed and pleasant academic environment ... all this makes me feel deeply infatuated if I plan to continue. If you continue to develop in theoretical physics, you will be very happy to accept the invitation of the University of Munich! But, I think it would be more interesting to engage in some more applicable work in the future scientific research career!” Lv Qiujian paused, and again to Xu Professor Fu bowed, “It was not long ago that my motherland invited me to participate in the Xihe project. I cannot refuse this invitation, so I can only say sorry to you!”

This is awful! Professor Trinon is even more frustrated at this moment than Professor Xuft and President Huber. His beloved Bayern Munich club is about to lose its greatest star! What's more, he will soon have an academic debate with a Nobel Prize winner, and he can't be depressed.

“Hey!” Professor Xuft sighed and shook his head slightly. “Lu, I can understand your love for the motherland, but I still think that the theoretical physics world is the best field for you to show your talents!”

When I moved from the mathematics world to the physics world, some people said so! His true purpose was naturally inconvenient to disclose, and Lu Qiujian was unwilling to deceive this respectable mentor, so he diverted the topic, “Thank you very much for your persuasion, but now the time for the thesis defense has arrived, shall we finish this first? Job?”

I can pass it to you now! Professor Xuft almost blurted out. But in the end, the German's stereotyped character prevailed, and he shook his head slightly depressed. “So well, the thesis defense officially started; Mr. Lu Qiujian, please elaborate on the content of your thesis first!”

“Okay!” Lu Qiujian opened the printed paper and began to elaborate his point of view. “The title of my paper is” Inference about the Theory of Dark Matter-Cosmic Expansion. ” Some cosmic models and recent discoveries about dark matter have reconstructed a brand new cosmic model and made some speculations about the future of the universe ... “

These contents are all the information he got when he talked with 1a7488, who had fallen asleep, and writing it today does not mean to wake up human beings.

“The universe is expanding, and in the process of expansion. Feel the theory of dark matter and dark energy, space appears out of thin air, evenly distributed throughout the universe. The earth, solar system, and milky way that we observed are also precisely united. This is because In these systems, gravity is dominant, so we do not feel that we are expanding. However, between galaxies and galaxies, gravity is not dominant, we have observed that they are far away from each other.

Unfortunately, according to existing calculations , The rate of expansion of the universe is accelerating slowly ... “

“.... According to this trend, if the density of the universe is less than the” critical density “, then the expansion will accelerate to a certain limit, and gravity will no longer play a dominant role in any system. First, the larger celestial bodies, Celestial bodies such as galaxies that are loosely gathered together will spread apart; then huge stars, black holes; and then smaller stars behind; the planets are also torn apart; finally, the space between protons and protons When the speed exceeds the speed of light, the atom breaks down, but the decomposed lone proton will always touch other protons. The universe will die forever. Of course, the word “forever” is inaccurate, because the speed of space expansion reaches and exceeds In light of the speed of light, time is frozen everywhere in the universe according to the general theory of relativity, so this is the universe where the concept of “time” disappears (). This is real, the end of time ... “

“The second possibility ... due to the expansion of the universe, the radiation temperature also tends to absolute 0 degrees, and the universe falls into eternal darkness ...”

“The third possibility ... A huge black hole will trigger the next big explosion, and the universe will enter a periodic expansion contraction, explosion ...”

One hour, 13 minutes and 7 seconds later, Lu Qiujian finished his discourse, “Professors, my dissertation ends here, thank you!”

Lu Qiujian’s theory is bold and well-structured. He is based on reality and exerted his extraordinary imagination to paint a new universe picture for people. Professor Xuft and others have been addicted to this beautiful picture for a long time. Extricate themselves.

“So ...” Professor Xuft turned around and looked around, seeming to want to say something.

“Then please explain in detail about the third possible calculation process!” Professor Trinong asked if he was afraid that Professor Xuft would say something inappropriate. (To be continued.)

Ps: This book has been refined! Celebrate Sichang today, and release two alternations at 6 pm, and now there is the light of the Great God, everyone can go and get it!

Thank you Xiaoyuyu big fat head, it is this account, god-class hero fan, the 18th floor of the academy, Mo Shuaiwei Shao, Rui 1888 reward, thank you! That’s too much. , Candidate, Yuzixi, Feng Ruomeng, Zhang Kuang 12366, Bantianyun, Where is it, ~ t_ tired_t ~, kwj, Love in Yanqiu,

Li Rui, Xilai, Paper Hotel,, Middle 2 Great Emperor, Jiyantian, Braised Squid Soup, Little Fish, Big Fat Head, Shirong Rongchang, Ashes Novice, Paper Hotel, * ggq *, Feng Ruomeng's reward.

Chapter 392 - Did my reply pass?

After Professor Trinong wiped a sweat, this was my last effort for Bayern! Hearing his question, Professor Xuft had already turned back slightly. According to the usual practice, after the thesis is elaborated, it is time for the reply. Professor Trinong is fully qualified to ask questions to Lu Qiuqian.

Fortunately, I should walk a little bit even if I walked through the field. I could n't do what Professor Moore did that year. Professor Xuft thought about it and sat back, quietly looking at Professor Lu Qiuqian and Professor Trinon .

Professor Xuft just thought of the legendary experience of a German academic predecessor; Wittgenstein, one of the most influential philosophers of the twentieth century, was already a recognized leader in the academic ideology before going to the degree; he He wrote a paper called "Introduction to Philosophy of Logic" in the war camp.

However, no one could read his article at that time. His teacher Russell pretended to write a pretending preface for this one and contacted him for publication; this kindness was met with anger from Wittgenstein. He didn't understand his article at all and he wrote a lot, making Russell very temperless.

When it was Wittgenstein 's thesis defense, the three members of the defense committee were Russell, Moore, and Weisman. The three people discussed the issues in Wittgenstein's doctoral thesis indiscriminately before replying. It's been a long time, and no one has dared to ask Dr. Wittgenstein an academic question. At this time Russell opened his mouth, he turned to Moore and said, "Continue, you must ask him a few questions, you are a professor."

Moore said that he had not understood Wittgenstein's problems. At this time, Wittgenstein walked to Moore and Russell with a smile, patted them on the shoulders, and said with a smile, "Don't worry, you will never understand these problems." The defense of the doctoral thesis ended in this way.

Professor Xuft listened to Lu Qiuqian's paper at the moment just like Mr. Moore's back then. The opinion of this article sounded very simple, but the derivation process and method contained in it were very complicated and rigorous, and he heard that his head was getting bigger. How do you ask questions about things you don't understand?

“Dear Professor Trinong, I think about this question ...” It’s a childish question, but it’s always not good to answer it. Hurry up and finish this process! Lu Qiu Jian said eloquently for five minutes. Explain this problem thoroughly!

But this explanation is clearly from Lu Qiu Jian’s point of view. Professor Trinong is still a brain paste after listening to it. He looks around and hopes that other members of the reply committee can help himself to save the field and ask new questions so that Think about your next plan.

But Professor Xuft closed his eyes slightly. Professor Hasler bowed his head and pondered, Professor Mayer frowned and wrote on paper, and it seemed to be verifying the formula Lu Qiu Jian just had ... No one wanted to continue asking questions.

Do I have to challenge this monster independently! Professor Trinong was about to cry, but no one continued to ask questions after all, so he dared to ask new questions, “Well, the answer is not bad; but about the formula you just quoted, I still have some questions, how do you prove the correctness of the formula? “

Hey, something is wrong! Why is he always targeting me? Don’t seem to want my paper to pass? Lu Qiu Jian turned his attention to Professor Trinon ’s direction. Professor Trinon did not dare to look directly at him. Lu Qiu Jian immediately guessed that he had a ghost in his heart. Although he did not know the reason, his next words were not as polite as before. “The formula evolved according to the general theory of relativity proposed by Einstein at that time. , Based on Einstein ’s formula of the year, and at the same time referring to the conclusions of other physics predecessors, I used the basic advanced mathematical knowledge to make the calculation. “

Lv Qiu Jian walked to the front and wrote his own derivation process directly on the blackboard, “... we can see that after this kind of overthrow, replacing this variable into the conclusion, we can draw a new Formula ... Professor Trinon. Do you understand? “

“Well, I think I understand!” Professor Trinong was sweating at the moment, nervous as if he were caught by the teacher in the elementary school classroom.

“So good, let’s look down. According to this formula, I bring the dark matter data verified in the previous experiment into it. What can I get?” Lu Qiu Jian turned to defend and asked Professor Trinong Too.

Professor Trinong quickly looked at Lu Qiu Jian’s thesis while searching for relevant knowledge points in his mind, and a few minutes passed. Finally, he found the answer. He answered according

to what Lu Qiujiang explained in the paper, “Substitute the data into the formula to get the speed at which the celestial bodies that are loosely gathered together are scattered!”

“Very good! I believe you did read my paper carefully!” Lv Qiujiang praised Professor Trinon’s discovery like a teacher who loves students.

Professor Trinong’s conditioned reflex generally bent the corner of his mouth and almost opened his mouth to thank Lu Qiujiang.

“Professor Trinon, then you can try to continue to calculate according to my formula, how long will the universe be ended?” Lu Qiujiang continued to ask questions without waiting for his breath.

“Well, okay, I’ll try it!” Professor Trinong agreed with Lu Qiujiang’s request in a trance, and picked up a paper pen and quickly calculated it.

The level of professors at the University of Munich is really good. Plus the amount of calculation to solve this problem is not very large. After more than half an hour, Professor Trinong happily raised the draft paper, “All this will happen in one year! “

Means 10 to the 100 th power. There is no doubt that this will be a huge number, so we do n’t have to worry too much about the destruction of the universe.

“Since the result is already clear, then I think I have no problem!” After finishing this sentence, Lu Qiujiang returned to his defense.

Professor Trinong wiped off his sweat with relief. The question answering and calculation process just consumed his energy. If Lu Qiujiang continued to struggle, he would probably not be able to resist it.

“Well, respected Professor Mayer, do you think I passed this reply?” He turned to another member of the reply committee and asked quietly.

It only took half a day for Professor Meyer to understand what Professor Trinon said. He looked sympathetically at Professor Trinon, “Dear Professor Trinon, this time it was Mr. Lu Qiujiang who responded!”

Chapter 393 - Farewell

“Congratulations on your smooth passage of the reply! Although this is completely due, I still want to congratulate you!” After the reply, President Huber and I, Lu Qiujian’s hand, said, “Are you really planning to return to your country? No longer?” Consider carefully? IMHO, China’s research environment is still quite far away from Germany. I think it is better for you to stay in Germany for your academic career! As long as you can stay, all aspects of funding, personnel, etc. Don’t worry about you. “

“What you said is indeed reasonable. The starting time of Hua Guo Technology is too long after Germany.” Not waiting for President Huber to be happy, Lu Qiu Jian remarked. “But Hua Guo has decided to invest tens of billions of euros in Xi. And in the plan, I think no scientist can refuse this temptation! “

President Huber suddenly knelt down. The European Space Agency’s Galileo project was 3 billion euros, the Mars Express detector 300 million euros, and the Venus Express detection satellite 300 million euros ... these costs made Germany a bit overwhelming. This is still In the joint investment of Germany, France and other countries, China has hit tens of billions of euros for a plan alone, which is really ... too local.

President Huber is also a scholar. He naturally knows the attractiveness of funds to scientists, and he cannot give any conditions to compete with Xi and the plan, so he tries to make a final effort, “Lv, if you want If you stay at the University of Munich, the school will contact the European Space Agency for you if you prefer the space exploration program! “

President Huber also regarded the Xihe plan as China’s space exploration plan. At this point, he quickly remembered what he added, “Of course, the European Space Agency has some restrictions on personnel, but you only need to add German citizenship!” “

Hey, this is where I do n’t like Germany the most. The older generation of Germans are always full of prejudice against socialist countries; in the future, there have also been things that have restricted Germany’s space cooperation with China because of concerns about leaks. I really joined the European Space Agency, and I think it will be restricted everywhere!

“No, I have no plans to change my nationality. In addition, even if I go to the European Space Agency, I’m afraid I won’t get much space for actual combat capabilities. So I can only thank you for your kindness!” Lu Qiujian directly rejected President Huber Invitation.

These are things that President Huber ca n’t change, and he ca n’t get any more chips, so he regretfully gave up retention, “The school has decided. After your degree is awarded, you will be given an honorary professor’s Title, I hope you will not refuse again! “

“This is my honor!” The honorary professor is only an honorary title, only reputation is not obligated, even if Lu Qiujiang will never come to the University of Munich again. So this time he chose to accept.

“Lv, I feel particularly sad when I think of seeing you again in Bayern Munich!” Professor Trinong also shook hands, and at this moment Lv Qiujiang knew why he made trouble for himself.

“Now that the studies have been completed, there is no need to continue work-study studies! Of course, I will always miss my time in Bayern from now on!” Lu Qiujiang has forgiven him now.

The degree award and the honorary professor title will be placed next week. Lu Qiujiang used this time to pack up things, and then made a special trip to cern to bid farewell to Rolf Hoyle, Lynn Evans and others.

Dr. Evans was very depressed about this. He had already made plans to retire and would be handed over to Lu Qiujiang, but now it seems that he has to delay his retirement, and in the future he would like to find someone as good as Lu Qiujiang. Successors are not easy. It can be expected that he will stay in cern for a long time in the future.

From the first time I came here to farewell today, Lu Qiujiang and cern had only two years of dealing with each other, but in the two years in this area, he completed the discovery of the Higgs boson and dark matter, creating two The Nobel Prize has left a page full of color in the history of cern.

Dr. Evans failed unexpectedly. He gave Lu Qiujiang the model on his desk as a commemorative gift to express his gratitude and blessings to Lu Qiujiang.

The third wave of failed players is the Bayern Big Three and coach Magath. Although Bayern Munich still ranks first in the Bundesliga and the UEFA Champions League group stage, they are ashamed. It looks like Bayern Munich has been relegated.

“Lu, is your decision really irreversible?” After a long time, Beckenbauer spoke first, “Look. As long as Bayern can continue to win the Triple Crown this season, then you can become an undisputed one. A new generation of kings! Although I also led Bayern to win the three consecutive championships, but did not win a triple crown! Cruyff’s guy won the triple crown in 72, but he also No one can repeat this miracle again! “

Said in the end, Beckenbauer almost roared, “Now. After becoming Maradona, there is a chance to be a champion in front of you! Are you not at all tempted?”

“But my job is a scientist!” Lu Qiujiang spread his hands. “Football is just my hobby. Now that my studies and research in Europe have come to an end, then I really have no reason to stay!”

It was a waste of tongues. They accepted this reality helplessly. Beckenbauer sighed and said, “Then we can only hope that we can find a third in the transfer market during the winter break. One Oh no, it is a one-tenth level substitute! “

“When are you going to leave? We want to prepare for a farewell game for you!” Hennes, who has regained his calm, has begun to wonder how to use Lu Qiujiang’s value for the last time.

“Don’t be so troublesome, I will get a degree certificate next week, I will bid farewell to the fans in the league next weekend!” This will also be his last game in Europe.

After the news that Lu Qiujiang bid farewell to Bayern, the slow and slow bombing across Europe celebrated, and all Bayern fans were deeply surprised and sad.

Many fans came to Lu Qiujiang’s house, holding various banners to retain him, which made Lu Qiujiang a little touched.

Lu Qiujiang was deeply touched, and his opponent was unlucky on the weekend. During the whole game, Lu Qiujiang was performing various performances. Free kicks, long shots, passing goalkeepers, and even headers came so twice. The whole game He scored seven goals, plus the previous league goals, this season the Bundesliga golden boots did not seem to run.

However, after many years, Bayern fans recalled that when Lu Qiujiang remembered, the game he remembered for the first time was neither this nor a major reversal of the Champions League final, but the only game he had played in that he had not won.

Chapter 394 - Stockholm

“After I return to China, if you have time, can you also go to China to see!” Munich Franz Josef Strauss International Airport, representatives from the University of Munich and Bayern Munich are seeing off Lu Qiujiang Of course, not just them, but also the representatives of the Chinese Consulate General in Munich and the fans of the Munich club.

“Very good, Lu, unfortunately you are engaged in a space exploration program. If it is still theoretical physics research, I would like to continue working under your hands!” Dietrich said Yiyi reluctantly.

“Bayern Munich will always remember your contribution!” The extremely depressed Bayern Big Three and Magath said sadly that it would be nice to leave Lv Qiujiang to keep a championship this year.

“Thank you, thank you very much Bayern for taking care of me in the past two and a half seasons, and tolerating my willfulness!” Lu Qiujiang was also a little embarrassed.

“Dr. Lu, the Chinese Ambassador to Sweden will meet you at the airport!” The Consul General in Munich said, “Thank you very much for your contribution to the friendship between China and Germany.”

“This will not be too much trouble?” Lu Qiujiang originally wanted to walk around Stockholm before the award ceremony began, but now it seems that there will be a series of activities over the Swedish embassy.

“You are the first Nobel Prize winner in our country, and they should be welcoming you!” Mr. Consul also guessed Lu Qiujiang’s thoughts, and he quickly explained, “The other side just welcomes you and will not interfere with you. Schedule. “

“I want to take a look at the editorial department of” Journal of Mathematics “! I have published some articles on it in the past.” Lu Qiujiang explained his itinerary.

Saying hello to each other in the past, and finally to the fans of Bayern, they all have red eyes, some are fragile and even cried, experienced transfer, retired, betrayal in their watching career ... but only I have never seen Lu Qiujiang’s reason for leaving the team, which makes them both sorry and helpless.

“Lv, although we don’t understand science, we still wish you all the best in your future work!” Fan representatives blessed with grief.

“Thank you and I wish Bayern a better performance in the future!” For them, what is more important than Bayern’s results?

“Lv. Can you see your game again in the future? I mean even if it is not for Bayern?” This is his brain fan.

“Maybe! The future is more beautiful because of various uncertainties, isn’t it?” Lu Qiujian suddenly thought of the agreement with others before, “but you can rest assured, even if I step on the greenery field again. The identity of the Bayern opponent appears! “

In the second half of the sentence, the Bayern Big Three, who had just given a glimmer of hope, went silent again; the farewell process took a long time and finally there was a parting. After the last time the broadcast urged security, Lu Qiujian waved into the security channel. Soon it disappeared around the corner.

After half an hour, the plane flew to the sky. Lu Qiujian left the city where he lived for more than two years, leaving behind a legend destined to be proclaimed for a long time.

After more than three hours of flight, the flight landed at Stockholm Arlanda Airport. The Chinese Ambassador to Sweden had long been waiting here with reporters from the court.

As the first Nobel Prize winner in China, the course of his award is destined to be filmed as a documentary for collection. The on-site host held the microphone in one hand and extended it in the direction of Lu Qiujian, using passionate language to The audience in front of the TV introduced the moment when Lu Qiujian walked out of the airport.

After a somewhat awkward but essential process, Lv Qiujian came to the hotel arranged for him by the Nobel Prize Committee.

Stockholm is the cleanest city in the world. Walking on the streets here seems to breathe a bit lightly; there is no interruption by reporters. Eliminating the fatigue of the journey, Lv Qiujian wandered around alone and comfortably.

The temperature in Stockholm in December was around three degrees below zero to one degree. The summer swimming and fishing places in the city center became skating rinks. The teenagers flashed across the ice with a hearty laugh.

Visitors here will not miss those unique museums, from the Vasa Shipwreck Museum to the open-air folk museum, from the Music Museum to the Military Museum, and finally end their tour at the Natural Museum.

At the last leisure time before the award ceremony, Lu Qiujian handed it over to the Journal of Mathematics, he came here to have a pleasant exchange with the editors of the Journal of Mathematics, and learned a lot from the experience of managing journals. It is good for him to expand his mathematics journal in the future.

Every December. Global attention will be directed to Stockholm and Oslo, the capital of Norway, because the Nobel Prize will be awarded every year on December 10, the day of Nobel 's death.

Nobel was awarded at Oslo City Hall, and all other awards were awarded at Stockholm City Hall; the reason why awards are presented in two places is because Nobel handed over to Norway in his will .

As for the reason, there are two kinds of arguments. The first one is because Norway was still with Sweden when the Nobel Prize was set up, but it was in independence, so Nobel 's idea might be to express his hope for the unification of Sweden. Of course, in the end, his goal fell through.

The second possibility is that Norway basically did not engage in diplomacy or gang formation at that time; Nobel felt that Norway was relatively pure and not easy to be influenced by foreign countries. As for the results, everyone saw it.

The Nobel Prize Award Week is a continuous event. During this week, the Nobel Prize winners will participate in various activities. The organizer will interview and record each Nobel Prize winner and upload the video to the Nobel Prize. On the official website, after the award ceremony officially begins, the official website will also broadcast the entire process of the award.

Therefore, Lu Qiujian 's leisure time lasted only one day. At other times, he participated in various activities according to the arrangement of the organizer. The reporter of Chaoting Station also followed him to record these precious materials and sent them back to China. In time, there are news from Lu Qiujian on various media platforms.

Participated in various activities on a non-stop basis. Fortunately, he could reach many of the world's top scientists, which made Lu Qiujian not bored.

After all the work has been completed, when the 2006 Nobel Prize award ceremony is about to begin, Lv Qiujian has returned to Stockholm Arlanda Airport to prepare to welcome guests from China.

Beijing, close to five o'clock in the afternoon, when people who have been working for a day are about to get off work, a red sports car with a wind is parked under an office building, and a young man in his twenties in shiny clothes is holding a bunch of flowers. The flowers came out of the car and immediately attracted countless envy and jealous eyes.

"I saw him every day recently, and I don't know that the girl in that company in our office is so lucky!" A white-collar beauty who had left work early and had just walked to the exit of the office building looked at the car's eyes. The old lady looks good too, how come there is no rich second generation come up to talk!

"Hey, don't envy you! It's not necessarily good to meet this kind of person!" A slightly older colleague beside her persuaded, "This kind of person has more flowers and plants around. But I didn't get it. I won't be tired for a long time after I get it! You won't be able to cry at that time!"

"It's not bad to have such an experience in life! At least I can see a lot of things I haven't seen before!" Moreover, by the means of the old lady, it was not so easy for him to run away.

The man in the room had already approached them. The female white-collar worker's eyes turned straight and her waist was straightened. The already firm e-cup seemed more tempting, but the man seemed to have not seen it, hurrying brushed past her, rushed to the elevator and left her alone at the exit, depressed.

The man walked up the elevator to the 16th floor and came out of the elevator, ignoring the offices with tall names, and walked straight to the door of an obscure studio. Judging from the decoration of this studio, it should be. It was not long before I settled here.

"Wang Shao, are you here again?" As soon as he saw him, the girl at the front desk of the studio showed an embarrassed expression. "The editor-in-chief of Xia said, she won't see you!"

This situation is not the first time that a young man called Wang Shao encountered. No one beside him looked at the latest branded mobile phone quietly, "What are Xiaoxiao doing now?"

The girl at the front desk looked around nervously. I realized that no one paid attention to this side, so I was a little relieved. "She just received a courier. Should I unpack the courier now?"

"Oh? Who sent her? Her boyfriend?" Seeing the girl at the front desk stuffing her phone into her bag, Wang Shao asked with satisfaction.

"I don't know, you also know that I just came to the studio shortly, and I don't know what the editor Xia is!" The girl at the front desk has some regrets. If you know more information, I'm afraid I will have a bigger harvest.

"Help me pay more attention in the future. I won't let you be busy!" Wang Shao dropped a sentence and walked straight in. The girl at the front desk stopped twice and quickly picked up the phone.

Ok? Invitation card? When Wang Shaojin entered Xia Xiao's office, he saw what she was holding in her hand at first glance. What was more jealous was the smile on her face. She had never given herself a good face!

"Yo, where is the invitation letter?" Wang Shao walked to Xia Xiao and stretched his head to try to look at the invitation letter.

Xia Xiaoyi saw him immediately put a smile on his face and put the invitation aside. Zheng Se said, "Mr. Wang, I have told you many times before, I already have a boyfriend! Please stop harassing me like this in the future, please?"

"Xiaoxiao, don't lie to me! If you have a boyfriend, why haven't you seen him for such a long time?" The main thing is that the girl is thick-skinned. Of course, Wang Shao will not flinch because of this small setback. , Sitting directly opposite Xia Xiao, put the bouquet on the table.

"My boyfriend is studying abroad and will be back soon!" Xia Xiao didn't even look at the bunch of flowers.

"Well, even if you have a boyfriend. He really studied abroad! But Xiaoxiao, have you ever thought about it? It's not the same year now! Even if you come back from abroad and want to live in Beijing, it's not easy! You are now When he started his career, could he provide you with enough help? "Wang Shao persuaded him with a bitter voice," And you haven't seen each other for a long time? Are you worried that he will change his mind abroad? " "

"My career doesn't need anyone's help. I just like to draw cartoons, and now I am very satisfied with my life!" Xia Xiao saw him criticizing Lu Qiujian, his face suddenly pulled down, and his speech became uncomfortable. , "He just sent me an invitation letter, and I will go to the event with him in two days! Please stop appearing in front of me again!"

“Which event to attend? I’ll follow you too! It’s to help you check!” When the time comes to see if he can find a chance to ruin their relationship, Wang Shao starts his abacus.

Hearing this, Xia Xiao couldn’t help but smile, “As long as you can get the invitation letter, you can go!”

“Hey, this is what you said!” Wang Shao was a little surprised, but since Xia Xiao could go, he didn’t make sense to get the invitation letter! “I don’t have an invitation letter that I can’t get in this piece of capital! Even if it is an Oscar invitation letter from the United States, I can get it somehow! Come, let me see where your invitation letter is? Maybe the organization I still know it! “

“Well, can you get this too?” Xia Xiao handed over the invitation letter.

“The printing of this invitation letter is also common ...” Wang Shaogang despised the sentence, and he was stunned when he read the above content clearly, “No ... Invitation letter for the Nobel Prize Ceremony ?!”

“Yeah, I’m going to accompany my boyfriend to the Nobel Prize Ceremony, and you are also welcome to visit Mr. Wang! But the invitation letter is up to you!” Xia Xiao looked at him clearly and reached out to gently invite the invitation The letter was taken back until Xia Xiao left Wang Shao has not eased from the shock.

According to the convention of the Nobel Prize, each winner has 16 invitation letters, which can invite his relatives and friends to participate in the award ceremony and the dinner afterwards. Lu Qiuqian gave the invitation letter to his parents, Xia Xiao and her parents. And those who have provided a lot of help in their academic careers, such as their own middle school teachers, Professor Zhang of Peking University, Thurston and Galles of Princeton, Professor Xuft of Munich University, Evans of cern Evans Doctors, etc. As for Professor Higgs, they can participate in the grand event by virtue of their Nobel Prize winners.

The guests who received the invitation letter embarked on a journey to Stockholm, Sweden from all over the world. They will witness the historical moment of Lu Qiuqian becoming the youngest Nobel Prize winner in history at the Stockholm Concert Hall in Sweden on December 10!

Chapter 396 - Nobel Prize Ceremony

The whole Nobel Prize award ceremony was a week-long event, which had already begun before this. On December 7, the speech of Nobel Prize winner and Turkish writer Orhan Pamuk was held in Swedish. School held; December 8th, Lu Qiuqian and chemistry prize winner Roger Kornberg, economics prize winner Edmund Phelps gave a speech at the Stockholm University Auditorium; Physiology or medicine prize winner Andrew-French And Craig-Mello ’s speeches were

traditionally held at the Karolinska Institute of Medicine, where the Nobel Prize in Physiology or Medicine is located.

It is worth mentioning that this year's chemistry award winner Roger Kornberg was the one that Lu Qiujian mentioned to Harvard's point guard Eliot in the game between Princeton and Harvard. When he was chatting, he told the past, which caused Professor Kornberg to laugh.

This time accompanied Professor Kornberg to attend the award ceremony and his father, the Nobel Prize in Physiology and Medicine in 1959, Arthur Kornberg, both father and son won the Nobel Prize is a story.

But they are not the only father and son winners. Before Lu Qiujian, the youngest Nobel Prize winner Lawrence Prague and his father Henry Prague won the Nobel Prize in Physics in 1915.

J-j-Thomson and his son George-Thomson won the Nobel Prize in Physics in 1906 and 1937, respectively.

Oyle-Kelpin won the Nobel Prize in Chemistry in 1929, and his son Wulf-Oil won the Nobel Prize in Physiology and Medicine in 1970.

The Danish physicist Niels Bohr and his son Ag Bohr won the Nobel Prize in Physics in 1922 and 1975, respectively. It seems that Mr. Bohr not only plays well, but also teaches well to his son. Both are exceptionally well trained.

Manne-Sigbahn and Kay-Sigbahn won the Nobel Prize in Physics in 1924 and 1981, respectively. They were also the father and son with the longest time interval. The time difference between them was 57 years.

In addition, there are records of brothers who have won awards. The Dutch animal behaviorist and ornithologist Nicholas-Nico-Timbergen won the Physiology and Medicine Award in 1973, while his brother Jan-Timbergen was in 1969. Winner of Economics Award.

As for the husband and wife, there have been many awards. Pierre Curie and Mary Curie won the Physics Award at the same time in 1903; in 1935, their daughter Irena and her husband Frederio Jorio won Chemistry Award; Karl-Curry and Getty-Cory couples won the 1947 Physiology and Medicine Award; Gunnar-Mordal and Alva-Midal couples won the 1974 Economics Award and the 1982 won the 1982 .

And now. Kornberg 's father sat in the seat closest to the podium in the Stockholm Concert Hall. He was accompanied by other Nobel Prize winners 'representatives, representatives of award-giving institutions, representatives of the Swedish government, and members of the diplomatic corps. Where is the Chinese ambassador to Sweden looking at Lu Qiujiang on the stage with joy, saying something with Lu Qiujiang's parents and Xia Xiao from time to time?

Lu Qiujiang and other Nobel Prize winners and members of the Swedish royal family sit in the front position, not far from him are Sweden 's current king Carl XVI and his queen Sylvia, their young daughter, known as Europe Princess Madeleine, the most beautiful princess, also came here today. She looked at Lu Qiujiang curiously. Seems to be quite interested in him.

It's a pity to hurry, and you will return to your country after attending the award ceremony. Otherwise, hum, I'm afraid no one can think of Lu Qiujiang thinking about this on such a serious occasion, right?

Before the award ceremony started here, at 13 pm, the Norwegian Nobel Committee took the lead in awarding the award in Oslo. This time the award was awarded to Bangladesh Rural Bank and the founder of the bank, Mohammed Yunus, to reward him for eliminating Outstanding contribution to poverty. Muhammad Yunus invented microfinance to meet the credit needs of the poor, and quickly spread it to many developing countries in Asia, Africa and Latin America, becoming an effective way to help the poor.

He won the Nobel Prize certificate, gold medal and bonus. The prize money for each Nobel Prize this year is SEK 10 million (approximately USD 1.37 million).

Then the award ceremony in Stockholm officially started. Lv Qiujiang is about to receive his medal.

At 16:30 in the afternoon, the award ceremony officially began. The chairman of the Nobel Foundation and the medical doctor Stolke made a speech at the award ceremony. Thanks for your contribution.

Next, Nobel Prize winners such as Lv Qiujiang and Professor Kornberg took the stage. With the accompaniment of music, representatives of various Nobel Prize committees gave speeches.

The presentation of the Physics Award was conducted by Professor Bjorn-John, Chairman of the Nobel Committee on Physics. In his speech, he extremely praised Lu Qiujiang 's contribution in the field of dark matter. In his speech, he said, "... Dr. Lu Qiujiang unveiled the dark matter that

occupies 23% of the total mass of the universe. Letting human beings understand the universe into a new era ... “

Afterwards, the winners walked to the center of the stage and received a gold medal, award certificate and a cheque of 10 million Swedish kronor from the King of Sweden Carl XVI Gustav.

“... he constructed a brand new dark matter model and successfully verified this model using the Large Hadron Collider of the European Nuclear Center ...”

This year's winner is Lu Qiu Jian. The court station broadcast the whole process of the awarding process. When hearing the on-site host saying this, the audience in front of the TV realized that Lu Qiu Jian would appear next! Immediately greeted relatives and friends back to the TV, when Lu Qiu Jian stepped into the center of the stage, the ratings suddenly climbed to the top.

“Congratulations on winning the Nobel Prize in Physics this year, Dr. Lv Qiu Jian!” King Gustav passed the medal and award certificate.

Lv Qiu Jian bowed slightly to thank. Then took the above items from the king's hands with both hands, “Thank you very much and everyone of the Nobel Prize Committee.”

Gently shook hands with the king, Lv Qiu Jian bowed again to thank the holding of the award certificate and other things, and the king slightly returned the salute; then Lv Qiu Jian bowed to the members of the Swedish royal family, representatives of the Nobel Prize Committee, and the guests present at the scene.

Compared with those of the elderly winners, Lu Qiu Jian, who had just spent his 23rd birthday, was more fluent in movements and appeared exceptionally graceful.

The audience applauded with warm applause, and then the music rang, congratulating Lu Qiu Jian for receiving this honor.

Chapter 397 - Return home

The award ceremony was over, and some of the guests who were present could go home. Lu Qiu Jian took his family and friends to follow others to the blue hall of Stockholm City Hall. “

Crowded more than a thousand guests in this small space, which seemed extremely crowded; this reminded Lu Qiu Jian of his childhood participation in a rural wedding reception.

The Nobel dinner did not limit the number of relatives and friends that the winners could bring, but the 1999 medical prize winner Guter Blobel brought forty-nine people to a meal in one breath. Instead of finding restaurants outside the Blue Hall to entertain them, the number of people waiting for the winners was also limited to sixteen.

“To be honest, I have also participated in many banquets in my life, but no one has made me so excited!” Professor Zhang said while looking at the snail cup on the table.

“This experience is enough for me to blow my whole life!” Lu Qiujian’s middle school math teacher said with emotion, although he thought that his student would be very good in the future, but he never thought he would be in such a short time Can breathe to this extent.

After he finished speaking, he turned his attention to Lu Qiujian’s parents, “This is probably the most memorable banquet for your two?”

“At least this is the case so far, but I’m afraid it will only be second in the future!” Lu Qiujian’s mother answered generously.

“Oh? What was the first impression?” Professor Zhang asked curiously.

Lv Qiujian’s mother glanced at Xia Xiao next to her, and then she answered rightfully, “Of course it was the kid’s wedding banquet of my family!” The table suddenly burst into a pleasant laugh.

Xia Xiao is probably the most eye-catching guest tonight. The banquet has strict dress code. Men must wear a white shirt and black tuxedo with a white tie. Women should enter the evening dress. If you wear ethnic clothes, you do not need to follow these Rules; so she put on a beautiful Han suit for granted. A set of red and white curved skirts was particularly striking between the tuxedos, and even Princess Madeleine lost her luster in front of her.

Having said that, Xia Xiao estimates that it can also be regarded as the most beautiful of all the Nobel laureate wives who have attended the dinner. Because after all, the Nobel Prize winners are older, when their wives accompany them to the Blue Room. Years have long erased their brilliance.

Lv Qiujian was one of the most important guests at the banquet. Of course, he was sitting at the main table. Next to him was Sylvia, the queen of Sweden. After a while, he also gave the first stage a brief thank you speech.

Nobel Prize winners in each category will send a representative to give a brief thank you speech for a maximum of 2 minutes. The order of giving thanks speeches is the same as the order of Nobel Prize awards, that is, the physics award winners are represented first, the chemistry award winners are represented second, and the physiology or medical prize winners are ranked third, followed by the awards. The winner of the economic award represents the last. Since Lu Qiuqian exclusively enjoyed the Physics Award this year, he will definitely play first.

Hey, it looks a little bit full! After waiting for the exquisite dishes to come, Lu Qiuqian sighed in his heart that these dishes were prepared by the Swedish chef of the year each year. The dishes were prepared from April every year, but the menu had to be kept secret. The dishes are the most representative of Scandinavian culture, including venison and deep mountain mushrooms and other main dishes, it looks very delicious. It's just a small amount.

But the wine looks pretty good? He set his sights on the bottles of wine in front of him. The wines produced by the Joseph-Duin family in Beaujolais in Burgundy, they always followed the traditional method of brewing. The quality is quite outstanding; the sweet white wine from the Chateau Faya is very suitable for dessert.

There were two toasting ceremonies at the banquet, one for the King of Sweden and another for the award creator, Alfred Nobel. This scientist and successful businessman used this method to make his name always remembered.

Soon it was the time for the thank-you speech, Lu Qiuqian took the stage to give his own thanks in Chinese like his predecessor Li Zhengdao, "Dear King and members of the royal family, ladies and gentlemen:

When I was young, my parents liked to take me to sit in the large courtyard of the family area of the factory, and chat happily under the cool summer wind. And at this time I always look up at the starry sky, wondering what secret is hidden in the distant starry sky? Is there really Jiuxiao Tiangong Yutu Chang'e!

As I gradually grew up. I began to understand that there was no Jade Rabbit Chang'e nor Artemis and Apollo, but the beauty of the starry sky in my heart did not fade at all. Science has given me new research methods so that I can gradually realize what the real universe is like? In my heart, the real universe is more charming than legend!

I would like to take this opportunity to express my high respect and sincere thanks to the Nobel Prize Foundation, to ... I also want to thank the teachers who taught me during my growth, and the

European Nuclear Center “After a long thank you, the thank you will come to an end.” The beauty of the universe is worthy of people’s time to pursue Thank you! “

Waves of applause rang in the Blue Room, and then the representatives of other winners also came to the stage to give their short thank-you speeches. The banquet ended in such a joyful and peaceful atmosphere.

After spending a few days with his parents and relatives in Northern Europe, Lu Qiuqian took them from Copenhagen, Denmark, and embarked on a journey back home.

After two transfers, Lu Qiuqian started the last journey of their transfer to China Airlines flight in Dubai; perhaps the flight crew had been informed that they were extremely enthusiastic and considerate of the service of Lu Qiuqian and his team In the rest, I will whisper a few words from time to time.

Huaguo Jingcheng International Airport, well-informed reporters had already taken the guy to wait at the exit, and representatives from various parties such as the Ministry of Science and Technology of Beijing Normal University were waiting in line.

The big red banner was pulled up in the waiting room, and it said, “Warmly welcome Dr. Lu Qiuqian, the winner of the 25th Fields Medal 2006 Nobel Prize in Physics!” He immediately attracted the attention of countless travelers.

After waiting for a long time, the flight that Lu Qiuqian took finally landed, and all the people who came to pick him up immediately prepared and prepared; when Lu Qiuqian helped his mother out of the passenger exit, the flashing light turned on After a while, he immediately stopped and covered his mother’s eyes to avoid discomfort in his eyes.

Wait for the flash to stop, Lv Qiuqian looked at the reporters slowly opening ...

Chapter 398 - Plan site selection (12/21)

After dealing with the reporter, Lu Qiuqian followed the people who came to pick him out of the airport, but in the parking lot, and because Lu Qiuqian had a little dispute with who was going, the Ministry of Science and Technology and Beijing Normal University arranged for it. residence.

Finally, Lu Qiuqian chose the latter on the grounds that he had a house in Peking University, and followed the president of Peking University and Professor Zhang to his alma mater.

Xia Xiao and the parents of both parties went to the hotel to rest after a long journey, and the more than ten hours of planes were more uncomfortable than the hard seat trains at the same time; Lu Qiujian still attended the welcome banquet of Beijing Normal University full of spirit.

After two days of rest in Beijing, the parents of both parties went home, and Lu Qiujian also started his work in China. The first item is to accept an appointment. Of course, this appointment is divided into two, one is external and the other is not. The first to be carried out is the one that is not external, that is, the position of the head of the controllable nuclear fusion program.

In the most striking courtyard in China, Lv Qiujian once again saw the elders and others, and the elders smiled rarely, "Little Lu, I have prepared this feast for a long time. You are today! "

Lu Qiujian knew that he was talking about himself at the China Science and Technology Commendation Conference. If he won the Fields Medal, he would hold a banquet in Haizi. Now, Lu Qiujian not only got the Fields Medal back There is one more Nobel. How can the elders be overjoyed!

"However, when the master cooks, let's discuss Xi and plan the work in the early stage!" Without a few words, the elder will shift the topic to work, "Secretary Ke, please introduce Xiao Lu first. The latest progress of Xihe plan. "

"Yes!" Ke Xianlong wearing a pair of old-fashioned glasses blankly took out a document and read it, "The first batch of funds required for the plan, 8.376 billion yuan, is in place; The selection is also over. Through multiple examinations such as written examinations, interviews, and political examinations, a total of **** candidates were screened out. The final examination was completed by Dr. Lu; the work on equipment and equipment ... "

After more than ten minutes, Ke Xianlong finished reading the last page of the document. Lu Qiujian looked at his document while listening, and Hua Guo 's work efficiency was very high. During this time, a lot of work has been completed, funds, personnel, etc. have been prepared, except for the few equipment that cannot be purchased directly because of the international embargo, but has to be collected through third country channels, so it is slower. Others are only waiting for Lv Qiujian to receive; of course, there is still a key problem to be solved.

"The other questions are easy to handle. The Pakistan Railway has already placed an order, and the equipment will be available in two months. It is just that there is no final conclusion on the site selection!" The elder said after seeing the document, "The current candidate The list and information are on the documents. Where does Dr. Lu prefer? "

“At present, China’s nuclear fusion research is mainly in Anhui Province, where is the east experimental reactor! And because of the proximity of Huaguo University of Science and Technology, Anhui Province has the best conditions in this regard!” Then Lu Qiu Jianhua Feng turned, “But this is the reason. Where it is a bit inappropriate!”

“Well. What I said is that if we increase investment in where you join, other countries will definitely be more vigilant! This is inconsistent with our principle of low-key development!” The elders also agreed, originally Anhui Province was The most suitable place, but because of this big principle, I can only give up.

It is no problem for China to increase its investment in controllable nuclear fusion, but it is increased to such a degree at once, and it is also led by a genius recognized by the scientific community, which will attract the attention of other countries in any case. If they let them know that China has made considerable progress in this field, they will surely find ways to get these things. Currently, China has no way to deal with this impact.

Hua Guo will definitely announce its achievements in this field, but it is by no means when the plan has just begun and no decisive progress has been made!

The problem of foreign interference is to be solved after all. Lu Qiujian raised his eyes to the ceiling above his head. His deep eyes seemed to penetrate the roof to reach the starry sky. After a moment, he lowered his head again. It is not yet the right time to wait for a controllable nuclear Let ’s talk about this when the fusion reactor succeeds!

“So for the same reason, other coastal cities do not have to think about it!” Said another elder who attended the meeting. “It is best to choose an inland city, not too close to national borders!”

Lv Qiujian also agreed with this, so the northeast, southwest and northwestern borders also lost their alternative qualifications. “It must not be too remote. Such a large-scale plan will have a great demand for talent! There should be a lot around the project location. Very high level colleges. “

“If this is the case, only a few cities around Chang’an, Jiangcheng, Jincheng, etc. can be used as candidates!” The elders turned over the document. “In a comprehensive comparison, Chang’an should be the most suitable! Where are not only Jiaotong University, Several key colleges such as the University of Technology, and the nearby mountains also have the underground bases left during the construction of the third line, which is extremely confidential! “

Conducted a comprehensive analysis of several candidate cities. The headquarters of Xihe Project was designated as Chang'an City. The reason for the public announcement was that it was relatively close to the satellite launch base in China, which was conducive to later work.

"After a while I will go to Chang'an!" Lu Qiujian said, holding Xia Xiao in his arms.

"Oh, when should I go?" Xia Xiao said calmly with her eyes closed.

"Let's stay in the capital for a while! I won't leave right away. There are still many things to be dealt with in the capital!" Eh, she didn't respond at all!

After eating, Lu Qiujian held a notebook and brushed papers in the living room, Xia Xiao returned to the bedroom and sat in front of the computer; after two hours, Lu Qiujian felt that it was almost time and returned to the bedroom, Why is she not painting? Lv Qiujian walked curiously to the computer and saw that Xia Xiao was searching for information on office rentals in various places in Chang'an on the intermediary website.

"What are you doing with these documents?" Lu Qiujian asked with her hands on her shoulders.

"Since you are going to Chang'an, I will definitely follow along!" Xia Xiao said with a natural tone, "I first check the market over there, and I will not be caught by surprise when I go!"

She is planning to move her newly established studio too! Lv Qiujian moved with courage in his heart, hugged her from the back and whispered in her ear, "Changan that place! There are many mountains around, so people often have to drill tunnels when entering and leaving by train ..."

Continued

Chapter 399 - Promotion cooperation

Said it was going to Chang'an, but it wasn't about going away. It took time to screen people, transfer equipment, find suitable places, etc. During this time, Lu Qiujian still needed to stay in Beijing.

In addition to the above work, there is another very important work that needs to be coordinated by Lv Qiujian. That is, the purpose of the publicity is to build confidence for the Chinese people and explain the whereabouts of this large sum of money; Foreign speculation misled them.

The first item of publicity work is the packaging of Lu Qiujian's personal. Most people will have such subconsciousness. The people who lead the project will be forced, and the project will

naturally go smoothly; so when he has just been idle, the interview team of Chaoting Terrace I found him asking for a dialogue program.

Perhaps it was to take care of him this time, or the last trio, Lu Rui, Xiao Yue, and Wang Qiju; as soon as they met, the three were naturally a series of congratulations. The highest award in the scientific community.

“It’s really a coincidence! It seems that last year was almost the same as Dr. Lu interviewed at this time? At that time, everyone thought you had a great chance of winning, but did not expect to achieve it so fast!” Compared with last year, Lu Ruisan The posture of the person is a bit lower; last year, Lv Qiujian was only a potential competitor of the Nobel Prize, but now he is a serious Nobel Prize winner, and his status is naturally different.

“Fortunately, all thanks to the European Nuclear Center for having such perfect equipment.” Lu Qiujianji replied, following them into the studio, which was already full of audience. Baidu Yixia’s New Performing Arts Museum’s New Chapter 1

In addition to the moderators asking questions according to the agreement negotiated with Lu Qiujian in advance, there are also questions and answers for the audience. These audiences are semi-professionals or professionals from major universities and research institutions in Beijing. .

Everything is ready, the recording of the program officially started, Lu Rui took the lead in introducing Lu Qiujian, “Audience friends, we are very honored to invite the 25th Fields Medal winner and the 2006 Nobel Prize in Physics He is also the first scientist in China who won the Nobel Prize-Dr. Lv Qiujian came to the studio to participate in the program, let us welcome Dr. Lv Qiujian who has returned the reputation! “

A clap of applause sounded and Lu Qiujian raised his right hand to say hello to the audience at the scene and in front of the TV. “Dr. Lu, welcome to the studio of Chaoting Terrace. Thank you for accepting my interview! , You seem to rarely accept this kind of interview? “

“It’s not too much, I just came to the court station many times; when I was watching TV at home recently, I also saw you replaying my program!” Lu Qiujian replied with a smile.

“The program of” Learning Mathematics with Lu Qiu “has always been the most popular program on the science and education channel. Every time the broadcast ends, a large number of viewers request to replay it, so it has been broadcast again and again, and we have received a lot of parents and students. Thank you for your letter, your program has greatly improved their math scores! “In

addition, the CD sales of this program are also very good, and the dividend numbers given by Chaoting Channel are also quite impressive.

This is the effect I want! It would be better if more people were tapped out of their mathematical talents because of their programs. “Mathematics is the foundation of all science. I am honored to be able to improve my math scores for more people.”

“Dr. Lu, we have noticed that your education process is very rich. First, you were admitted to Beijing Normal University from an ordinary high school in the Northeast, and then from Beijing Normal University to Princeton. After you got your degree from Beijing Normal University, you went to Munich University, then I want to ask you which learning process has the biggest impact on you? “Lu Rui asked again.

“Each learning process is very important. Without a good foundation laid in high school, I can’t enter Beijing Normal University! I was very fortunate to meet a dutiful teacher in middle school. He nurtured and tapped my knowledge of mathematics. Interest; in addition to the knowledge required in the textbook, he is also obliged to tutor the mathematics content of the university for me ... “Lv Qiujian thanked his middle school mathematics teacher according to his own memories.

“So you also invited him to the ceremony in Stockholm after receiving the Nobel Prize? I think he must be very honored too?” The big screen in the middle of the studio cut out the middle school teacher Lu Qiujian in Nobel in time. The figure at the award ceremony greeted the ordinary teacher with warm applause.

“Yes, after entering Beijing Normal University, I entered the best mathematics department in Huaguo. There are the best mathematicians in Huaguo. I learned a lot from following them. I gradually developed science and strive for Mathematics thinking mode, this is something that will benefit me for life! “At this time, Professor Zhang and others appeared on the big screen.

“By the end of the sophomore year, the department got an opportunity to exchange studies in Princeton. I think any young man who is interested in developing mathematics can’t refuse the temptation of Princeton It’s like every player wants to go to Bernabeu to play football! ”Speaking of this, there was a burst of laughter on the spot, “Where did I get in touch with the best mathematicians in the world, and Professor Wiles who proved Fermat’s theorem, There is Professor Thurston who has made outstanding contributions in the field of low-dimensional topology ... “

If he made an analogy to describe Lu Qiuqian's journey, he came to Princeton, which is equivalent to Linghu Chong's encounter with the wind and wind while thinking about the cliff. Here he completed the transformation from a first-class mathematician to the world's top mathematician.

"Where, due to an accidental opportunity, I came into contact with Poincaré's conjecture and made a little breakthrough." At this point, Lu Qiuqian couldn't help but laugh, if Professor Nan's teaching assistant took the wrong test paper and cracked it The honor of Poincaré's conjecture still belongs to Perelman. "With the help of Professor Thurston, Professor Nan and others, I finally solved this problem!"

"... Later, my psychology changed a little bit. I think mathematics is too theoretical, so I wanted to transfer to physics, and physics was inseparable from the experiment, so I chose to have a relationship with the European Nuclear Research Center. Good Munich University ... "Lv Qiuqian reviewed his academic career and finally concluded," For me, every period of study is equally important and indispensable! "

Lu Rui asked a few more questions, and finally came to the most anticipated interactive part of the audience. After the screening, a somewhat fat student-like audience stood up. "Dr. Lu, I am the Chinese language of Beijing Normal University. Department of Liang Xiao, I would like to ask why the first Nobel Prize did not appear in our country until now? "

Chapter 400 - Why China has no Nobel

"Is this because China's current system is not suitable for the development of science and technology?" Worthy of being a student from Jingcheng Normal University, Liang Xiao dare to speak even in the studio of the court.

Lu Rui's face suddenly turned black, didn't it mean that the people who came in were selected by various schools? How can such questions be asked? She turned her attention to the leader behind the auditorium.

Lv Qiuqian reached out to stop the staff's actions and answered frankly, "There are indeed some reasons for the system, but this is not the key to the problem!"

"If the reason of the system is mentioned, the system of the Red Empire is similar to that of our country, but they also have many Nobel Prize winners such as Landau, Kapica, Semenov! Even in the turbulent times of our country, there is also the blue of Mr. Tu Youyou. Artemisinin, Mr. Tang Feifan's Chlamydia trachomatis and well-known artificial insulin and many other Nobel Prize-level achievements! So this is not a decisive factor! "

“As for the real reasons, there are various reasons. First of all, China has different orientations for scientific and technological research! Since the founding of the country, the most important task of China’s scientific community has been to catch up with the world’s cutting-edge level. The national orientation is based on industrial applied research, not Basic research; while the Nobel Prize is more focused on the field of basic research, unless applied research is a disruptive achievement, it is not easy to win! “

“Basic research is very money-burning and there is no return in the short term! This is not something the average country can afford! The Large Hadron Collider cost billions of dollars, and the Laser Interference Gravitational Wave Observatory cost 350 million dollars It is irrational for our country to conduct these studies in that era! “

“This is also in line with China’s national conditions. For a country that is still in a state of waste, it is far more important to understand the truth of the universe than to increase the output of steel and fertilizer! For the country, Mr. Yuan Lao’s hybrid rice technology is far more important than the country. The ten Nobel Prizes are important! The country’s insufficient investment in this area will naturally make it difficult to win! “Imagine whether it is important to build a power plant or a collider in the sixties and seventies. ? I am afraid that no reasonable politician will choose the latter.

“The country lacks investment in basic fields, and how do scientists carry out scientific research without experimental equipment? For example, the former researcher at the Purple Mountain Observatory found the advanced thin ionization calorimeter in the United States and found evidence that dark matter might exist! If there is no such He could n’t write the article that was published in “nature” for a device that cost hundreds of millions of dollars! It’s the same for me. If there is no large hadron collider at the European Nuclear Research Center, it’s impossible for me The dark matter was discovered so early! This confirms my theory! “

“Application areas can seek superior funding. Can cooperate with enterprises! How to cooperate in basic areas? Which enterprise will be interested in the study of gravitational waves and dark matter? No test equipment, low treatment, let a batch of talented researchers or If you go abroad, you will either change your line, and if you do n’t get the Nobel Prize level, the results will become normal! “

“In addition, the achievements of the Nobel Prize level often require time to verify! For example, the results of Professor Higgs last year have been published for more than forty years ago. But it was only last year that the prize was won!” special case! “China was still catching up with the pace of Western advanced technology at that time, and it was not until this century that it gradually became in line with the world’s advanced level. The older generation of scientists used their lives to catch up with the pace of the West. The task of surpassing them fell on us This generation is on the shoulder! “

After Lu Qiujiang said these words, the audience all showed thoughtful expressions; he saw that the audience's emotions were a bit low. They started to cheer them up again, "Oh, but don't be depressed! Now our country's economic conditions have improved, and investment in basic areas has gradually increased. China's research and experimental funding development expenditure last year exceeded 300 billion yuan. There are many key projects started, for example, Sun Yat-sen University restarted the Lyra Project this year! If they can discover the gravitational wave, it will also be the achievement of the Nobel Prize level, maybe we can see it in less than ten years This scene! "This plan is also the result of the proposal made by myself and the prime minister.

"The golden age of another scientist is around 40 years old, so it takes about 20 years for a college student to go from school to complete his studies. It will take about 20 years from the beginning of the road to scientific research to achieve results! A large number of highly skilled talents have been accumulated, and they gradually occupy a leading position in the field of scientific research! "

"Talent and funding are gradually catching up. The number of papers included in our country has grown madly. The number of papers included in our country ranked eighth in the world in 2001, rose to sixth in 2002, and rose to fifth in 2004. The gap from the fourth place is very small, and there may be a resurgence in the next year! It is true that the number of this paper has a certain amount of water But it can also indicate that the number of people investing in research in China is very large! No one copied it! There is no technology that can be included in the papers written by artificial intelligence in China? If there is this technology, there is no doubt or won the Nobel Prize! "This sentence caused laughter!

"There may be some problems with this data, so let's look at another data, China's world ranking of the number of scientific papers cited every ten years! This decade ranked eighteenth in the world in 1994-2004, and rose in 1996-2006 In the thirteenth place! This is because we are still in the catch-up stage in the 1990s. If by 2006-2016, I believe this ranking will climb to the top three or even the second place! "

"Of course, China still lags behind the power of science and technology in the high-quality papers such as the United States, the United Kingdom, and Germany. However, because the total amount of input is gradually increasing, the absolute value of high-quality output can still crush many developed countries. The result of quality output is the possible direction of the Nobel Prize in the future. In other words, there are indeed many people who are researching and cheating funds, but there are always a large number of scholars who really need money to get support. With money, there will naturally be results.

"Neon surpassed the Red Empire in 78 and became the second country in the world's gdp rankings. Since 2000, the Nobel Prize blowout has begun. Shirakawa Hideki, Nori Yoshiji, Xiaochai Changjun, and Tanaka Gengyi won successive awards in the first few years of this century This is exactly the twenty years it takes for a scientist to grow! So I boldly predict that in China, there will

be many Nobel Prize winners 10 to 20 years after gdp surpasses neon to take the second throne in the world ! “