

D. School 241

Chapter 241 - Come play the game!

If it's just the hand speed, it wouldn't surprise him so much. What attracts his attention is the efficiency of Lu Qiujiang's use of the mouse. Every swipe and click will bring up a dialog box accurately. The emoticon appears on the dialog box, and then sent to the other party. 【】

Choose the emoticon you want from a large library of emoticons, and there is no backspace key to delete the reselection. His mouse is quite good! And this seems to be an ordinary mouse that comes with Internet cafes, right?

Jonas-Borac can't help seeing the remnants of Lü Qiujiang shaking his mouse, as if he had never seen him before! I don't know how to treat him ...

"! Why don't you come back!" Just when he was planning to find an opportunity to talk to Lu Qiujiang, the impatient game buddies who had been waiting for him got up from their seats to find him.

"Well, what are you looking at?" The partner walked up to him and followed Jonas Bolak's line of sight. At this time, Lu Qiujiang's interview was almost done. He dropped his mouse and looked over here. .

"Hey, hello! I'm sorry I didn't peep you on purpose, but your hand speed and mouse skills really surprised me!" Borak hurried forward to say hello.

"It doesn't matter, the voice was a little louder just now, I hope it won't affect you!" Lu Qiujiang replied with a smile.

"No, no, if it bothers me, it seems that my companions and I are playing a louder game!" Borak's mind turned quickly, trying to find a suitable sentence to invite Lu Qiujiang.

Lu Qiujiang sliding mouse began to close various software, "I should go, I wish you a happy play!"

"Wait!" Borak blurted out, and I'm afraid it would be too late to say anything. "Ah, I just saw how fast you operate the keyboard and the efficiency of using the mouse. Do you like playing games?"

“Game?” Lu Qiu Jian was a little puzzled, you asked this dry wool?

“I’m Jonas Bolak.” He reached out and gave Lu Qiu Jian a light grip, “but they prefer to call my id in the game—r, if you have no other important things at night, you can Can’t play cs with us? “

“?” His partner was a little puzzled. He knows all the masters on the German side. Have he never seen this Eastern face? Isn’t it a abuse of theirs to compete with amateur players at their level?

“You shut up!” Borak turned back and whispered, then turned to Lu Qiu Jian again, “From the point of view of your previous operation. If you play cs, maybe it will be great!”

CS’s opponent speed requirements are not as strict as interstellar, but hand speed is always better than slow speed, isn’t it? Moreover, Lu Qiu Jian’s hand speed is not ordinary fast! He has already exaggerated the reaction speed and mouse positioning ability that cs value most.

“My name is Lu Qiu Jian!” Lu Qiu Jian also embraced his name. He looked at the time in the lower right corner of the computer. “It’s a shame, but I’m afraid I’m sorry for your invitation. I need to go back to school now. I have no time to try the game!”

“Hey!” Bolak stepped forward subconsciously to block Lu Qiu Jian’s way out, “If I read correctly, you have the talent to become a professional player! If your performance in the game gets me and my companions If you approve, you will have the opportunity to join our team in various competitions! “

“Professional player?” Lu Qiu Jian remembered the various abused scenes of his previous life in the Internet cafe, but did not expect to receive the invitation of the professional team today.

“Yes, professional players!” Borak emphasized the word “professional”, “Our team is very competitive. There is a good chance of winning this season. If you join us, huge bonuses, sponsors, Fan chases ... you have a chance to get all this! “

Amount, can you get more than Bayern? Although it is a pity that he cannot fill the regrets of the previous life, Lv Qiu Jian shook his head and refused. “I am currently studying for a doctorate. I also have work-study work in my spare time. I am afraid I have no time to participate in competitions and training.

“Ah. Where are you working-study? Can you ask me your salary for work-study?” Borak looked at Lu Qiujian and tried to persuade him with the treatment of a professional team.

“I work for Bayern Munich!” As for the salary, it seems unnecessary to say?

“!” The little friend behind him pulled him again.

“Shut up!” Borak turned back and scolded again, and when he faced Lu Qiujian again, he put on an amiable smile. Bayern Munich! What job will he play on the team? Lawn maintainer? Official website intern? Our Borak classmates are usually very busy training and do not have much time to watch the game.

“!” The little friend interrupted him for the third time! This time he was unmoved and still stubbornly wanted to get an answer from Lu Qiujian’s mouth.

“Player! I’m a half-professional player! I just played in the Champions League!” Lu Qiujian replied lightly.

“Professional player ?!” Borak opened his mouth wide and did not respond for a while, “So what are you doing here?”

“Yeah, some media reporters are going to interview me online. The appointment is at eight o’clock tonight; just now my friends and I have dinner here. If I go back, I might not be able to catch up with the time, so I came here!” Lu Qiu Jian shrugged!

“That’s what I want to tell you just now!” The partner took advantage of his stunned opportunity, finally said what he had wanted to say, “I watched his game on TV! He couldn’t possibly Join our team. “

Yes, even now that e-sports has gradually been accepted by people, it is also sought after by some sponsors, but it is still a thousand miles away from the football game; although Lu Qiujian did not say his annual salary at Bayern, but Don’t think about it and know that it will be a number far beyond his income.

“Ah, that’s really a shame!” Jonas Borak gave way out depressively, originally thinking of having the opportunity to increase the strength of his team today, but I didn’t expect to get such an answer.

“I wish you good luck in the next game!” Lu Qiuqian packed up and got off, turned off the computer and got off the machine. After checking out, he left this internet cafe, leaving only Borak to be depressed alone.

Go back to the house where you live, turn on the computer, and re-read the experimental plan sent by Dr. Evans to study it carefully. The experiment will start soon. In his prediction, this experiment is difficult to succeed; but the relationship There are more than one energy level to the success of the experiment. He needs to study and study in order to prepare for the next experiment!

Chapter 242 - Poor Abramovich

Lu Qiuqian’s interview was quickly taken back by these reporters and sorted into different articles, which were published through their respective media channels, and quickly sparked heated discussions.

There is no doubt that the fans in China are the most depressed group of people. There is only one World Cup qualifier left in the national football team. Only a lot of goal difference must be won in the final game with Mingzhu. Jian was able to join the national football team. His sharp breakthrough and high free-kick free kick will provide favorable support for the final appearance of the national football team, but now Lu Qiuqian has decisively cut off their hopes.

Although those of the Football Association also wanted to send invitations to Lu Qiuqian, there was a precedent for the basketball management center, and the above clearly warned them not to harass Lu Qiuqian, so in the end there was no action.

Some leaders who have been thinking for a long time have already begun to think about it. The final game against the Pearl, it seems that the current strength of the national football team can also be solved. After entering the second stage of the qualifiers, maybe Dr. Lu can spare time? Anyway, he is now studying in Germany, and the 2006 World Cup is also in Germany, I am afraid he also hopes to be able to participate?

If ... if there is a chance, the national football team missed in the last game! Can Lu Qiuqian use it as a shield if he fails to participate? You see, leader, we said before that we would invite Dr. Lu to the last game. You said you would not let us disturb him. We listened. Now the result of the game is a bit unsatisfactory. Can you blame us! Um, so must my black gauze hat be saved? As for the fans’ thoughts, these leaders will not care! The big deal finally fired the coach to vent the fans!

In the dojo of Gracie Jiu-Jitsu, Brazil, Rixon Gracie and his brother Royce Gracie looked at the latest Black Belt magazine, “It is a pity that he rejected my challenge!”

“Shall we go to Germany?” Royce’s mind is now full of figures of Lu Qiujian’s guillotine and python twists. Afterwards, he checked and found that Lu Qiu was built in any Gracie dojo Records of learning in middle school, so where did he learn these skills?

Of course, he didn’t want to clean up the portal ***** horse, but he saw some differences from Lu Qiujian’s skills and what he currently insists on. It is surprising that Lu Qiujian dealt with some details. It seems to be more reasonable than myself who has been immersed in jujitsu for many years.

If you can engage in a fight with him, you can appreciate this difference in details more intuitively. Then digest and absorb, then Gracie Jiu-Jitsu may usher in a new round of change! This is an irresistible temptation for the Gracie brothers who view Grace Jiu-Jitsu as a lifelong career.

“Let’s forget it!” Rexon sighed aloud, if Lu Qiujian is also a peer in the fighting session, then he can say anything. Unfortunately, people’s first occupation is physicist, and the second occupation is playing football. Fighting is only amateur play. They have clearly rejected their challenge. Should they go to the University of Munich to play football?

Italy. Milan, Durrini Palace near Piazza San Barbila, Massimo Moratti looked through the alumni list of Milan Polytechnic University and read carefully, “Architect, designer! Architect, designer! Music Home, entrepreneur, fashion brand founder! Stage designer, graphic designer, interior designer! Can’t Milano become a physicist! Can we Italians only make clothes and build houses for others? “

“Aha! I finally found a celebrity who graduated from the Department of Physics!” Moratti opened the profile of Mr. Stefano-Pessner with delight, “Well, Walgreens-CEO and Executive Vice President , A billionaire with a net worth of tens of billions of dollars! I said how do I feel that the name is so familiar! “

Moratti can’t add to the depression at the moment, you said that you are a nuclear physics graduate, what business do you come to? Can’t I try to get a Nobel Prize so that I can use your name to seduce Lu Qiujian!

Madrid, Spain. Real Madrid Chairman Roman Calderon took a look at the world rankings of the physics departments of Madrid universities. He silently threw the fax quotation to Bayern Munich in the trash.

London, United Kingdom, Stamford Bridge, Chelsea Chairman Abramovich held vodka in one hand, and looked at the latest report of the “Sun”. After a little, he looked up at his assistant Granovskaya, “Marina, help me check what it is? And how much will it cost me if I want to build a stronger guy?”

“Okay, sir!” Granovskaya picked up the phone and walked out of the office quickly.

It’s nice to have such an assistant. Save me much trouble! Abramović nodded with satisfaction, and he was very confident in Granovskaya’s ability, believing that she would bring satisfactory results to herself in a short time.

Under the leadership of Mourinho, the team made great progress in the Premier League, and the club also has Kenyon as a veteran. If Lv Qiujian is introduced again, Chelsea will be greatly improved both at the competitive level and the commercial level; as for the labor certificate, as long as the guys in the FA are not blind! You will definitely pass special genius terms!

And the collider required by Lu Qiujian! There is no problem at all, as long as you are willing to come, I will pay you to build a bigger one, I do n’t have anything else. Just have money!

He took a sip of vodka, and after LV Qiujian joined Chelsea, the team defeated Manchester United, Liverpool and Arsenal to win the Premier League championship; fortunately, he was not stunned by alcohol, knowing that Lu Qiujian has replaced Bayern Having played in the Champions League, there is no way to play for Chelsea in this year’s Champions League, otherwise Real Madrid and Juventus will certainly not escape this robbery.

“Sir!” Granovskaya’s voice awakened him from YY Did you hear? Where do you think it is more appropriate to build the collider? Abramovich asked lightly, and was ready to sign the check.

“The detailed construction costs have not yet been clarified, but according to Professor Kaminsky of Cambridge University, CERN’s total investment has exceeded 10 billion US dollars!” Granovskaya except in the statistics of Abramovich In addition to the total assets, has not been exposed to such a large number.

“Ten billion dollars?” Abramovich’s wine glass fell to the ground. Even if his total assets exceeded 25 billion dollars, he could not get 10 billion dollars!

For a long time, he woke up from shock and shook his head with a wry smile. “I always thought I was a rich man. I didn’t expect this news today to make me realize that I don’t seem to be rich enough!”

Chapter 243 - World attention

“I will not participate in the next Champions League game, I believe you can get Juventus!” After easily defeating Wolfsburg, Lu Qiujiang said to the players of Magath and Bayern, “I will go to Bern to witness once Great experiment! “Unfortunately, this experiment is destined to fail.

“Okay!” After such a long period of running-in, Magath and Bayern players are accustomed to this kind of behavior by Lu Qiujiang. Of course, more importantly, Bayern have already won four consecutive victories in the first few games of the group stage. I’m sure I can qualify. As long as I don’t lose a big score to Juventus in the home game next week, then the group can basically get the first.

“Relax, we can win even without you!” Kahn said, patting his chest. Unexpectedly, towards the end of his career, he ushered in another good chance to win the Champions League; he lost to Manchester United at the last moment of 1999 Losing the Champions League is an eternal pain in his heart, and now he has the opportunity to make up for this regret. Of course he will not miss it.

Not to mention Barak, three games turned Leverkusen’s triple crown into the Sanya king, and this season must not allow history to repeat itself.

Ze Roberto, Lizarazu, Lucio and others are also full of confidence, “Go ahead, we will only play better if you go! But remember that the knockout will come back!”

A group of people with full confidence sent Lu Qiujiang away, only to replace the goalkeeper Lensin with a soulless look; hey, what happened to him? Lu Qiujiang took his look into his eyes, but unfortunately now he has no time to ask carefully, or he will wait until the experiment is over!

And Professor Xuft boarded the train together again. Lu Qiujiang and his team embarked on a journey to Geneva again. When they arrived here, they found that there were media broadcast trucks everywhere, “Explore Channel”,]

“If this experiment is successful, then it is the greatest discovery of the physics class in the last decade. Since the discovery of the top quark in Fermi Lab in 1994, the 62 particles predicted in the standard model are only Higgs. Z has not yet been supported and verified by experimental data! These media are all here to witness this historical moment! “Dr. Voss introduced Xuft and Lu Qiujiang and others along the way.

“10,800 tons of liquid nitrogen lowered the temperature of the internal magnet to minus zero, and the power supply of France and Switzerland has been negotiated, and all preparations are ready. Just wait for the final test to start the test!” Dr. Voss The tone is full of excitement that cannot be concealed!

“Lv, everyone looks confident. You and Dr. Evans bet seem to have a bad future!” Ludwig interjected with a smile.

“Yeah, especially Mr. Hawking also bet that the Higgs boson will not be discovered!” Dietrich joked. Hawking is a beacon of comparable casinos to Bailey. He once “gambling” with physicist Kip Thorne three times-the first time, whether the cygnus x-1 double star contains black holes; the second time, Betting on whether there are naked singularities in the universe; the third time, betting is whether the black hole will completely obliterate the information. Hawking’s final record is 0 wins and 3 losses. Since he also bets that the Higgs boson will not be found, then the chance of successfully discovering the Higgs boson in this experiment is greater.

Arrived at the cern door, the broadcast trucks of various media are blocking the place here, and news is sent to all corners of the world with satellite signals.

Huaguo, Jin province, in the family building of a power plant near Niangziguan, engineer Liu, who worked for a day, returned home and found that several old friends had been waiting here.

“Oh, Ding Yi, you are here! Come and sit inside. I’ll pour you tea!” Da Liu greeted enthusiastically, and the people who came here were all old friends he knew at the Jinzhou Writers Association.

None of them are outsiders, so Da Liu made a few small dishes at home, then poured a little wine, and chatted while eating, drinking, and drinking. Ding Yi sipped the white wine in the mouth, “Da Liu, the news recently read No? Did you say that the same situation as in your novel would appear?”

“Are you saying” Chaowen Dao “?” Da Liu naturally knew that he was asking about the news that the collision experiment was about to start, and “Chaowen Dao” was a short science fiction novel he created the year before, describing exactly What happened after mankind built the largest collider in history.

“Yes, yes. That’s the one!” Ding Yi nodded quickly.

“Haha, Lao Ding is still a male protagonist in you!” The protagonist of “Chaowen Dao” is the physicist Ding Yi, and the name Ding Yi comes from the Mr. Ding Yi in front of him.

After its completion, out of fear of the unknown. People have imagined the terrorist events that may occur after the experiment is started. For example, a micro-shaped black hole was accidentally generated in the experiment, and the scientist failed to control it. So, on the one hand, it fell to the ground under its own gravity, on the other hand . It will absorb everything it encounters along the way. As for the destiny of mankind, it is self-evident that no one can escape in this disaster.

Therefore, many members of environmental protection organizations rushed to the door of cern to protest and try to stop cern in this way.

“That’s just a conjecture for a third-rate science lover In” Chao Wen Dao “, Liu also described the scene of the world’s destruction of the largest collider experiment in human history, except for The scale of the collision is not comparable to the “Einstein Equator” imagined in his article, and the things to be done now seem to be similar.

“How could the collision experiment be so terrible! There have been many collision experiments before, which haven’t caused any terrible consequences.” Da Liu’s eyes sparkled with wonderful brilliance, “I really expect this experiment to bring us What a surprise! “As an amateur sci-fi writer, nothing can inspire him more than the new developments in the scientific community.

Then Da Liu Huafeng turned, “Perhaps even if there is any danger, those scientists of cern can not refuse the temptation of the ultimate beauty of the universe!”

At the same time, experts in related fields such as high-energy physicists and theoretical physicists around the world also boarded the plane to Geneva again, and they eagerly hope that this experiment will surprise them.

The computing grid of the Large Hadron Collider () is ready to distribute the data generated by the experiment on tape to the original file and distribute it to all parts of the world, and then be screened and analyzed by cooperative units around the world to see if Higgs can be found. Boson, of course, Professor Xuft’s laboratory is also one of the cooperative units.

There are hundreds of millions of people all over the world looking at cern, they are waiting with different moods to start.

Chapter 244 - Start of experiment

“Lv, I’m glad to see you again!” Higgs’s serious face, the importance of this test to him is self-evident, so much so that he can’t even squeeze out his smile now.

Witten’s complexion on the side was complicated, and it seemed that he was depressed by experiments and verification of his theory; Hawking used his unique electronic sound to argue with Dyson in the past, “I still think that the Higgs boson is not May be found, we can bet if we do n’t believe it! “

“Xiao Lu, let me take you to know some domestic colleagues!” This is Director Chen of the High Energy Institute. He brought Lu Qiujian to several Chinese people. “This is Professor Wang from the University of Science and Technology, this is Professor Liu from Lu University and Professor Wu from Jinling University. The three of them belong to the atlas experimental group just like me. Ha ha, you ’ve seen this long ago, Professor Qi of Peking University, his team and us Another group of the Institute is a member of the cms experimental group; Professor Mu of Hubei Normal University currently works under the experimental group; Professor Sun of Shuimu University participates in the experiment. “

“Several predecessors are good, I am very happy to see you in cern!” There are about 7,000 scientists from 80 countries working and researching in cern. Of course, there are many Chinese scientists.

“I really envy such a scene! I don’t know when Hua Guo can gather so many scientists!” Professor Sun of Mizuki University looked at the scientists gathered around him.

“As long as there is a bigger collider, I’m not afraid that they won’t come!” Professor Wu of Jinling University rolled his eyes and squeezed beside Director Chen, “Oh, I heard that you have written a report to ask for Apply to build the world’s largest collider, don’t forget us when it’s approved! “

“Then I don’t know how long it will be!” Director Chen tweeted twice, and the report has already been hit, but such a huge amount of funds will certainly feel pressure on it, even if the economy of China is gradually developing, but If you want to make such a large investment in the field of basic research, it is still unsuccessful. Have the unseen construction gathered the support of more than ten European countries! Hua Guo did this alone!

However, some wind has recently been heard from above. It seems that some people have taken their reports back, and I heard that it seems that it is because of the young man in front of them; indeed, Lu Qiujian has already shown his potential in the field of high-energy physics before. What an amazing result. Then after he returns to China, he will pull him to a high-energy place. The probability of passing this report will probably be higher!

“Come here, there are a few colleagues on Treasure Island. Let’s say hello in the past!” Without waiting for much thought, Professor Qi of Beijing Normal University led them to another wave of Chinese scientists who had just entered from the door. .

Although there are still some differences between the two sides. But when I met my compatriots of the same root in Cern, both parties felt very cordial and soon had a very happy chat. Lu Qiu Jian was warmly welcomed by the treasure island scientists.

“Lv, the experiment is about to start soon. Are you ready to cash your bet?” Dr. Evans walked between them and asked with a smile, looking at Lv Qiu Jian. The data processing after the experiment required a lot of manpower. Yes, Lv Qiu Jian’s help will undoubtedly be much better.

“If the experiment is successful, I will be happy to help you!” Before the experiment begins. Lv Qiu Jian didn’t want to continue to emphasize that the experiment would fail. From the look on Dr. Evans’ face, it seems that he hasn’t been able to sleep well recently!

The next day, Director Chen and his team went to their respective experimental groups. Lu Qiu jie and Higgs, Hawking, Witten and others waited nervously in the large observation room for the start of the experiment.

“Atlas experimental team reports preparations!” Dr. Evans began the final inspection.

“Atlas experimental group is ready!”

“Received! Cms experimental group to report preparations!”

“Cms experimental group is ready!”

“Received! The experimental group reports on the preparation!”

“The experimental group is ready!”

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Each experimental group came to the report of “Ready”, and everyone in the observation room focused on Professor Evans on the big screen.

“The detection of the accelerator channel is completed! The detection of the proton beam tube is completed!” The last two groups were also prepared, and no unexpected situation occurred.

“All the staff are ready and the collider’s accelerating tube starts to charge!” Carrying the expectations of all high-energy physicists such as Higgs, Evans issued an order to start the experiment.

“The charging of the collision accelerator tube started and everything went smoothly. The charging will be completed according to the scheduled plan!” The accelerator channel is mainly placed with two proton beam tubes, which are covered by superconducting magnets and cooled with liquid helium. After charging, the collision will start soon. The protons in these two accelerating tubes will run around the entire toroidal accelerator in the opposite direction at an energy level of 3.5 teV (terabytes).

Although the total length of the accelerating tube is up to 27 kilometers, it can only be an instant matter for these protons whose speed is close to the speed of light; the time for each proton to surround the entire storage ring is 89 microseconds. Because of the characteristics of synchrotrons, the particles in the accelerating tube are in the form of particle clusters, rather than a continuous stream of particles, with a minimum collision period of 25 nanoseconds.

“The charge is completed. Now it is time to accelerate!” I don’t know how long it has passed. The voice of the head of the acceleration tube team broke the silence of the observation room.

“Start accelerating according to the test plan!” Evans issued a decisive command without any hesitation in his voice.

“Yes, start accelerating!” Before the particles are incident on the main acceleration ring, they will go through a series of acceleration facilities to gradually increase the energy. This process will be completed in cooperation with a number of working groups including a proton synchrotron, a proton synchrotron, and a proton synchrotron, which are composed of two linear accelerators.

Evans’ eyes closely followed the progress of the work reported on the screen, and issued a command until these particle clusters entered the accelerator channel, where they would collide here, thus simulating the scene of the beginning of the universe. Observers such as ATLAS and CMS are well prepared. They wait to observe and record these valuable data near the collision point.

All preparations have been completed, the particle cluster entered the accelerator channel, and soon began to collide; at the same time, a very strange cloud appeared above the cern, and the cloud showed the appearance of a storm eye, hovering at a fast speed. A bright spot suddenly appeared out of thin air, and immediately moved towards the center of the vortex cloud at a very fast speed.

In the end what happened? All people who see this peculiar phenomenon are asking themselves.

Chapter 245 - After the test (7/31)

The strange cloud in the sky did not last long before it dissipated, but everyone who saw it didn't feel that it was connected to cern's ongoing experiment. Did it create something terrible? They were tense and turned hard to look in the direction of cern.

In the testing room, Evans's face is still the same. At present, the accelerator is operating according to the original plan, and there is no thing out of his control; it seems that nothing will happen in this experiment! He secretly breathed out. The last liquid nitrogen leak devoured more than 50 million US dollars of budget. The consumption of this experiment was as high as nine figures. If he makes mistakes again, he may not be able to explain to the committee. .

"It's on!" The staff shouted in surprise at the computer screen, and two white dots flashed on the computer screen, indicating that the proton had traveled the full length of the \$ 3.8 billion large hadron collider.

And under the cern, violent collisions are happening. When the two proton beams collide, they will generate a high temperature 100,000 times hotter than the center of the sun in a very small space. In contrast, the refrigeration distribution system that urges superfluid helium to circulate around the accelerator ring keeps the Large Hadron Collider in an ultra-low temperature environment at minus zero, which is lower than in outer space.

Engle and Braut were talking to Higgs. The expressions of the three were very serious, as if praying to God that this experiment could discover the particles of God.

Detectors such as atlas and cms are transmitting the observed data to a computer center with 60,000 computers, and then sent to 11 top research centers in Europe, North America and Asia from here, and then scattered from there to about 150 research around the world Central network. These cooperative units will detect and screen the data, and whether they can find the Higgs boson will not be known until the data analysis and feedback from these cooperative units come back. 【

“Things are done!” Dr. Lynn Evans, who has worked hard for this big guy for more than ten years, looked back and looked at all the staff and visiting scientists in the testing room.

Applause sounded from several different corners at the same time, then quickly spread out, and finally all the staff stood up to applaud and congratulate this great moment.

The staff of cooperative units located in Chicago, Hamburg, Cambridge and other parts of the world also put down all their work at the moment and watched the progress of this experiment through satellite live broadcast. When they heard Dr. Evans ’s declaration, they also joined the applause. Among the team, this situation was also displayed on the large screen of the testing room via satellite.

“Bang” sound. The staff of the Chicago Lab opened the champagne to celebrate; at the moment they do n’t know what this experiment will find, but this is not important anymore. What is important is that physicists all over the world now have more powerful than ever To crush the various particles in the atom, so that you can explore how they are generated.

One of the most powerful experimental machines in the history of science and technology can now operate smoothly. This is the reason for their celebration, as long as this big guy can run smoothly, then it does n’t matter if no results are found in this experiment, we can also carry out the next experiment, the next experiment ... in the end it will definitely Won’t let the world down?

“Congratulations, Dr. Evans!” Cern’s research center director Rolf Hoyle adjusted his clothes. Walking to Dr. Evans, he extended his right hand.

“Thank you, this is the pride of all cern staff and cooperating units!” Dr. Evans’ eyes were filled with tears of excitement. He couldn’t help waving his fist and cheered again on the spot.

Then came the person in charge, Robert Emma, who said to all the scientists present, “Everyone is doing well!” Then he walked over to Dr. Evans and took out a beautifully crafted model from behind and handed it to him. “This is a gift we prepared for you, I hope you like it.”

at the same time. Peter Gianni, a spokesman for the Press Release Center, also received the news. He went to the podium and announced to journalists from all over the world, “We will enter a whole new field of physics. Today is a very important milestone . “

Then the news spread to all parts of the world through satellite signals. Ordinary people are struggling to figure out what is important about this incident, and experts in related fields are excitedly waiting for the results of this experiment.

“Okay, now it’s time to go back to work!” Professor Xuft gave a long breath, and then became refreshed again. He couldn’t wait to return to Munich to start data analysis.

“Thank you for the new method, which has shortened our waiting time a lot!” Dr. Evans squeezed out of the crowd. Walked to Lu Qiuqian’s side.

“Well, we will see the result soon!” Lu Qiuqian nodded, and then bent his mouth. “But like I said before. The result may not satisfy you.”

“So what?” Dr. Evans shrugged. At this moment, he no longer cares about the bet with Lu Qiuqian. “Today’s experiment has proved to be capable of completing the experiment even this time. If you can’t find the Higgs boson, then increase the energy level next time! As long as this big guy is there, it’s only a matter of time before you discover the Higgs boson!”

Then his gaze turned to Higgs. Many of the congratulatory people were also surrounded by the three of us, “And Peter, Robert and Francois still look healthy, I believe they will see this day!”

“Well, I think so!” Lu Qiuqian agreed with Dr. Evans.

“So, let’s go back now!” Professor Xuft formally confessed to Dr. Evans, and there were many people who made the same choice as him. They were all as eager to know this time as Dr. Xuft. What exactly did the experiment find.

So a large number of vehicles drove out of the gate of CERN, respectively, to the airport, railway station and other transportation hubs. Dr. Xuft also overcame his own psychological obstacles, choose the aircraft seat back to Munich transportation; presumably at this moment he will never again Can’t stand the slow speed of the train!

The plane landed at Munich Airport. The vehicles of the University of Munich were already waiting outside. They quickly drove back to their laboratory. Professor Xuft and Lu Qiuqian and others could not take a break, quickly opened the computer and began to receive the CERN data.

The experiment has been completed, and their work has just begun.

Chapter 246 - Global collaboration

The data generated by the experiment will be jointly completed by global cooperation units. Of course, cooperation units with strong strength, advanced equipment and sufficient manpower will undertake a larger share of the work. Those cooperation units with weak strength, old equipment, insufficient manpower or ordinary personnel quality The share taken will naturally be less.

As for the number and number of these cooperative units, an example can be used to illustrate, you can go online to find cern papers, and then you will find that the author list of some papers is outrageously long, if I put the author list and the unit list Translated, then the book's 4,000-word guaranteed update every day is complete!

And not every staff member involved in the experiment is qualified to sign on the paper, you must have a certain position in the experimental group; so behind these long heinous lists, there are far more grassroots than this The efforts of scientific researchers; the cost of high-energy physics experiments is evident from this.

Because of Professor Lu Qiujian 's participation in the laboratory of Professor Xuft, the share of tasks undertaken has increased a lot compared to the last time; the increase in the tasks undertaken proves that his laboratory 's status in the international high-energy physics session has increased. So despite the increased workload, Professor Xuft is still very happy.

“You will work harder during this time, and I will apply to the school to allocate some interns and logistics staff to help!” Of course, the core work can only be done by Lu Qiujian, Dietrich, Ludwig, Karl and Frei Derek and others completed it. Looking for an intern just to save them from the most basic physical tasks; as for the logistics staff, their main job is to help these people make tea, make coffee, clean the hygiene, order takeout, etc. Free them from daily chores, so they can devote themselves to data analysis.

“Lv is responsible for arranging and managing the daily work, and then Lv summarizes the results of each stage to me!” Professor Xuft delegated the management power to Lv Qiujian. Of course, the use of the new method may not be found globally. To someone better than him.

“Okay!” Lu Qiujian did not give way, which is also an exercise for himself.

“No problem, we will obey Lu's instructions!” Although Lu Qiujian is the youngest in the laboratory, the ability demonstrated by Lu Qiujian in the previous stage of work has completely convinced them. They had absolutely no opinion on Professor Xuft's arrangement.

“So let’s get started!” After Professor Xuft went out, Lv Qiujian began to take over the command of the laboratory, splitting the work into several links and assigning to Karl, Dietrich and others.

Half an hour later, Professor Xuft returned to the laboratory with the brigade. A group of young teenagers excitedly looked at the equipment and their seniors in the laboratory; especially Lu Qiujian received the most attention. His Mingrui hearing can hear the group of teenagers spit out “Bayern” from time to time. , “Free Fight” and other words.

For their work, Lu Qiujian had already arranged it just now. Karl and others stood up and briefly asked about their basic situation, and then divided into several groups, and then led a group to start the basic training before work.

This situation is happening at the same time in research institutes all over the world, from the United States to the neon, from China to France, from Italy to England ... A famous laboratory has been busy.

When 4 large detectors such as atlas and cms started working with 10 times higher accuracy than any previous tool. Will produce a pile of data. If scientists want to find what they want, this computer power is necessary.

These detectors are like a huge digital camera with 150 million pixels that can shoot 600 million times per second. They record every detail of the crash test and then send it to the center of the computing grid of the cern; precise The filter will filter out all useless data, leaving only the most interesting data. However, 15 pb (each pb is equal to 1024 tb) data still needs to be analyzed each year, which is enough to fill up 2 million DVDs.

Then the task of 150 cooperative units distributed around the world is to analyze the huge data that can fill up 2 million DVDs; cough, if you compare the data in these DVDs to some kind of movie that you like to see, a otaku is ten seconds faster After finishing one, then it would take 231 days for him to eat, drink, pour, sleep, or go to the bathroom.

Therefore, although cern’s experiment is over. However, it would take a long time to know whether the Higgs boson was produced in this experiment; but with the new method provided by Lu Qiujian, this time has been much shorter than originally planned.

If the collision test is colorful and exciting, then the data analysis is boring and tasteless. This is the same as other scientific experiments. The wonderful is just a moment. More often, the staff needs to calm down to pass the boring process. Discover something wonderful.

It can be said that there is no Internet invented by Bonas-Lee these tasks are not so easy to carry out; it is precisely because of today's developed network and increasingly updated computer technology, coupled with the completion of high-energy physics Here comes a new spring.

If there is no Internet, then even if it is completed and completed the collision experiment. Then the next data analysis work will either concentrate scientists from all over the world to cern for data analysis; or ship the data to cooperative units around the world in various ways. Damn it!

Wait for the completion of these data analysis and then summarize them to cern. If cern finds any errors or omissions in the data analysis. The data processing unit has to be returned again, so a lot of precious time is wasted on the road! Not to mention the huge cost of shipping data!

Cern's research has promoted the development of science and technology, and the development of science and technology has provided more efficient tools for the research of cern, which is a virtuous circle.

David Collin, a scientist at Imperial College London, said of the computing grid hub, "The grid is the third generation of the Internet, but unlike the Internet, you are sharing the power of a computer, not files. No This kind of infrastructure is not possible with experiments. This is why particle physicists attach so much importance to the center of this computational grid. "

And now, more than 150 cooperative units around the world are conducting data analysis of this collision experiment through this grid hub. They are busy day and night in order to find some before other cooperative units. What a surprise!

Chapter 247 - The books are deceptive

Just like that, after returning from cern to Munich, Lv Qiujuan disappeared from the media's field of vision, and stayed in Professor Xuft's laboratory all day to lead the team in data analysis.

It is regrettable that the trace of Higgs boson has not been found for a long time after the work was started. From the feedback from other cooperative units, it can be seen that they have not achieved a breakthrough.

The tone of Higgs on the phone also became a bit depressed. Although he was struggling to say that there is still a lot of data that has not been processed, perhaps the trace of the Higgs boson may be hidden wherever he is; Judging from the situation at that time, I am afraid that he did not report any hope for the Higgs boson in the first formal test.

“Let everyone rest for two days this weekend!” It is very easy to feel tired after a long period of work without surprises. Seeing Ludwig and Dietrich’s spirit is not very good, Lu Qiujuan simply gave the laboratory After taking two days off, anyway, the progress of their laboratory work has exceeded that of other cooperative units by a large margin.

“Lv, will you really find the Higgs boson in this experiment?” Frederick remembered the bet he had played with Professor Evans at cern Lu Qiujuan.

“Although it is not always possible to find conclusive evidence of the existence of the Higgs boson, it is, after all, the first test of the largest collider in human history, and there will definitely be a situation that has not occurred before!” Losing confidence is not good. ! Lv Qiujuan worked hard to mobilize their emotions, “As long as we find something! It won’t be so hard for so long!”

“That’s right!” Dietrich stretched out and stood up, “We can obviously compare with the data produced by other collider experiments before, and see that the data in this time are both qualitative and quantitative. With a substantial improvement, we can definitely find something surprising from this! “

“Let’s go! I made a reservation at the Dolmir restaurant. Desad-Urbanski’s fine cooking is not to be missed!” Lu Qiujuan said, wearing a coat and walking towards the door.

“Wow, which Michelin restaurant is it!” Ludwig’s eyes shined. The Dolemere restaurant is one of the few Michelin restaurants in Munich. It is difficult for ordinary people to book a place.

“Yes, I asked Mr. Magath to call for their order! Now it is half an hour away from the appointment time, and you will be too late if you don’t hurry!” It can be regarded as a consolation for their hard work during this time!

The Michelin restaurant turned out to be hugely attractive. The people who were still listless just now became excited. Dietrich also ran back to the place where he lived and changed his clothes.

“It’s just an ordinary dinner! Do you need to be so formal?” Karl looked at Dietrich with a bow tie, spraying perfume, and tidying his hair.

“That’s a Michelin restaurant!” Dietrich sprayed his hair with hair spray again. “Maybe where would I meet a real famous lady!”

alright, you win! Everyone said nothing about Dietrich's illusions, but there was such a funny person, and the negative emotions accumulated over many days quickly disappeared.

After a pleasant meal, everyone went back to rest. Dietrich's dream did not come true. Just now the few ladies in the restaurant were accompanied by boyfriends.

Send them to a taxi, Lu Qiujiang slowly ran to his residence, after a long time of exercise, I can't stand it! After running for about five kilometers, the phone in my pocket rang.

"Hello Mr. Coach!" Since starting to analyze the data, Magath has basically not disturbed him. I am afraid that I have seen myself ordering a meal at the Dole Mill restaurant, thinking that my work has come to an end?

"Lv. Has there been any time recently?" Sure enough, his intention to make a call was almost guessed by Lv Qiujiang.

"Tomorrow and the day after tomorrow, but there seems to be no competition for these two days? Of course I will go back to training if you need it!" Lu Qiujiang recalled the next schedule.

"No, no, I'm not trying to urge you to participate in training!" Magath is very satisfied with Lv Qiujiang's adaptability. Now Bayern's tactics and personnel have not changed much, even if they do not participate in the joint training, they will not give Lu Qiujiang and the team caused trouble.

"Oh? What is that?" Lu Qiujiang asked curiously.

"The Champions League group stage is over, we have won the first place in Group C!" In the last three group games in Group C, Bayern first drew Juventus at home and then defeated Maccabi Tel Aviv and Aja in a row. Kees, pressure Juventus to win the first place in the group. "Then we will hold the eighth final draw at the UEFA headquarters in Nyon, Switzerland tomorrow. If you have time, I want to take you there!"

This is also the meaning of Beckenbauer and Hennes. Because of his unique identity and excellent playing skills, Lv Qiujiang has a great commercial value and has a great role in improving Bayern's image. But he refused to participate in business activities, so this public appearance became a rare opportunity.

“Well, are you waiting for your call tomorrow?” It seems good to go out and walk! Anyway, there are no plans for this holiday.

“The driver of the club will pick you up tomorrow morning, and we will meet at the airport again!” Seeing Lu Qiujian readily agreed, Magath was very happy.

Manchester, England. At the Carrington training base, one day of training has ended. Players have driven their luxury cars away from the base, preparing to go home to rest, while a young man stayed.

He first put a few footballs 25 meters in front of the penalty area. Then took a book from his backpack and looked through it. After a while, he scratched his head with a doubtful expression. Free kick shooting training. A breeze blew the book on the lawn, revealing its cover-“Introduction to Advanced Mathematics”!

The first ball hit the wall props.

The second ball flew directly out of the beam.

The third ball went straight to the corner.

.....

“Christian, your free kick level seems to have dropped!” Sir Alex Ferguson, who was blushing, didn’t know when to appear on the side of the training ground, watching the teenager’s free throw and shaking his head.

“I read Bayern’s Lu report in the newspaper, so I want to learn his skills!” Ronaldo said embarrassedly, the few free throws just made a big loss.

Forehead, Ferguson shook his head silently. Where can this method be learned by ordinary people? He gently persuaded, “Christian, everyone has a different method, you do n’t have to learn his method!”

“I also think the recent practice is awkward!”

“Then stop and restore your previous training method!”

“Okay!” C Luo cried and picked up the book again and turned it over. Nima, the book is deceptive! Then he threw it directly into the trash can and left the training ground with Ferguson.

Chapter 248 - The next opponent Real Madrid!

“Hello Franz, you are in perfect condition this year!” Galliani greeted Beckenbauer enthusiastically at the entrance of the hall where the lottery was held. As for the early coaching magnate, Magath was ignored by him. Now!

“Shevchenko and Kaka are the combination that makes everyone feel terrified!” Beckenbauer smiled back and wanted to make Bayern the target?

Slowly, one after another, people who were stunned in European football gathered here. Beckenbauer seems to be particularly excited today, pulling Lu Qiu Jian to greet those familiar friends at the door, it seems to be It seems that Lu Qiu Jian has been exposed to the media for a while!

The reporters also did not hesitate to flash their lights, and they snapped continuously; when Arsenal coach Arsenal Wenger came to them, they set off the most.

All the reporters pointed their lenses at Lu Qiu Jian and Wenger who were shaking hands; Lu Qiu Jian was called a professor while playing, and Wenger had a degree in economics from the University of Strasbourg and Hertfordshire. University honorary doctorate background, proficient in German, French, English and some Italian, Spanish and Japanese, familiar with sports psychology. Because of his profound academic knowledge and elegant behavior, the British media also nicknamed him “Professor”.

The encounter between professor and professor is a good gimmick! But what language does Lu Qiu Jian talk to the professor now? German? French? English?

After killing countless films, Beckenbauer came to the hall with Lü Qiu Jian and Magath satisfied, and the lottery began after a lot of nonsense.

When Bayern and Real Madrid were brought together, Magath’s face suddenly fell down. I am afraid that in the second place of all the teams, the last thing he wants to encounter is this one with

Ronaldo, Raul, Zidane, Figo , Beckham, Carlos, Irving, Casillas and many other superstar galactic fleets!

“Let’s go to Bernabeu first, the schedule is good for us!” Lu Qiuqian comforted, “I think my work in March will probably not be very busy, the second round of the home game will definitely be able to participate!”

Ok, since the facts cannot be changed. Then let us work hard together! Although there are many Real Madrid superstars, their defensive and tactical organization is not top, otherwise it will not be called the Champions League!

Magath ’s eyes turned to the area where Real Madrid ’s representative was, and he saw Real Madrid ’s interim coach Raymond look over here; Real Madrid ’s head coach this season was Camacho, because he saw Carlos during a training session. , Ronaldo and several other big-name stars mocked him behind him. The head coach who impressed the Chinese fans resigned angrily after applying for the club to deal with the players. The team was temporarily replaced by goalkeeper coach Raymond.

Just as a goalkeeper coach, Magath has become full of confidence again. Even if there are rumors that Brazil’s Lusenbergh may take over Real Madrid in the near future, he must not be quite sure to tame these big-name stars in a short time!

The quarter-final match was announced one by one: Bayern Munich vs. Real Madrid. Leverkusen faced Liverpool. Bremen and Lyon, who had just been abused by Lv Qiuqian, were drawn together. Coincidentally, Professor Arsene Wenger met Bayern group opponent Juventus. Does Zhong Lu Qiuqian have the opportunity to meet this professor again.

Together with Eindhoven and Monaco, Inter Milan and Porto, Barcelona and Chelsea, Manchester United and Milan, these 16 teams will start catching up in late February to determine the eight places to advance to the quarter-finals.

“It looks dangerous. But it’s actually not that bad!” Hennes turned his head and said to Magath, of course, he who is familiar with European football is not unaware of the status of Real Madrid; Real Madrid can only rely on The occasional flash of a superstar solves the battle. This method is too unreliable, and there is no lack of flash points in Bayern Munich.

“Well. But it’s better to be cautious in front of the media!” Beckenbauer and he hold the same view. As long as those superstars don’t explode, Bayern can completely win the opponent, even if

Ronaldo or Zidane broke out . There is Lu Qiu Jian in Bayern! Since neither Buffon nor Kahn can prevent Lu Qiu Jian's free kick, then Casillas has no reason to block him?

"Real Madrid is a great team, and it can be expected that these will be two difficult games. But Bayern is also not afraid of challenges." Outside the door, Magath has adjusted his mood and started to talk to the media. talk.

"Mr. Lu, what do you think of the game against Real Madrid? Who do you think has better free kick skills with Beckham?" The reporters also did not miss Lu Qiu Jian.

"Beckham 's free kick is full of mathematical and physical beauty. I once calculated the trajectory of Beckham 's free kick! It was discovered that it was obviously affected by the force of the Magnus force The bending distance of the football under this force is related to the radius of the football, the density of the air, the angular velocity of the football, the speed of the football flying in the air, the quality of the football and the distance moved in the direction the football is kicked ...
"Lv Qiu Jian gave them mathematics and physics classes skillfully.

Cristiano Ronaldo, who came out just behind him, saw this scene burst into tears again, you lie! Cheat paper! Cheat paper! Cheat paper! Cheat paper! Cheat paper! I won't believe the gibberish you said anymore!

Hazed a large group of reporters, Lu Qiu Jian and Magat and others Shi Shiran left the UEFA headquarters and rushed to the airport to return to Munich.

After two days of rest, the conditions of Dietrich and Ludwig and others were adjusted quite well. This morning the work efficiency was significantly improved compared to before the holiday.

"What kind of takeaway do you want?" Just as everyone else reported the food list they wanted to the logistics staff, Dietrich still stared at his computer.

"Dietrich, what's wrong?" Lu Qiu Jian moved quickly and walked past! Others couldn't care about anything else when they saw it, and immediately followed them around, and they, like Lu Qiu Jian, realized that Dietrich might have discovered something extraordinary.

"Lv, take a look at this!" Dietrich turned the monitor and pointed his finger somewhere on the screen.

“Oh? This set of data looks very special!” Lu Qiujiang lit up and quickly took a chair from the side to sit next to Dietrich and studied it carefully!

Chapter 249 - New discovery

In 1990, CERN staff grabbed 115GeV of Higgs boson through the electron-positron collider LEP, but their statistics at that time were not enough to make any definite inferences.

Later, other collider laboratories have also discovered the Higgs boson trail, for example, the trillion-electron volt accelerator () of the world's largest collider, Fermi Laboratory of the United States, almost found this mysterious particle. However, because the degree of certainty of this result has not reached a sufficient standard, it has not been unanimously recognized by the physical community.

Did the first formal test prove successful? Several key personnel in the laboratory surrounded Lu Qiujiang and Dietrich, holding their breath and watching the data on the screen.

Lu Qiujiang took over the keyboard and mouse, and began to pour this data into special software for calculation. The charged particles will be deflected in the magnetic field. The physicist determines the nature of a particle according to this principle. First determine the type of particles with the deflection direction, and then measure the energy momentum with the deflection radius or energy storage.

Soon the data was converted into a chart that is easier for people to understand intuitively. You can easily see that the distribution of data points on the icon seems to deviate from the normal interval.

“This ... Could it be ...” Dietrich squeezed out a few words.

“Gentlemen, your takeaway is here!” Just as Lu Qiujiang was about to answer, the knocking of the logistics staff broke the silence of the laboratory.

The thinking of all the staff who were falling into thinking was interrupted instantly, and they turned their heads in unison and glared at the logistics person who awakened them from the dream.

“Gentlemen, the takeaway you just called has arrived, do you need me to bring it in for you?” He didn't understand the consequences of his actions just now, and asked with trembling under the eyes of these people.

"I don't want any takeaway now! Now please close the door from the outside!" Dietrich finally couldn't control his anger and stood up and shouted loudly.

"Dietrich, calm down!" Lu Qiu Jian patted him on the shoulder, pressed him back to his seat, and smiled to the unlucky logistic staff, "I'm sorry. We just found something wonderful. Things, so Dietrich went a little emotional; next time we might have a lot of work to do, I am afraid I can't take care of dinner now! "

"Okay, okay. I'll leave immediately!" He finally realized that he didn't seem to be coming at the right time, and quickly quit the laboratory and helped them cover the laboratory door.

"Okay, let's continue the analysis!" Lu Qiu Jian started the subsequent processing work, and Dietrich's madness is about to jump out of his throat, if this set of data is really Higgs Bose Evidence of the existence of the child. Isn't he the first person in the world to discover the Higgs boson? This is the achievement of being able to make history! Of course, the premise is that other organizations have not found and noticed similar data before this.

"Bang" life, the door of the laboratory was pushed open again! Dietrich turned his head and shouted. When the first word popped out, he already knew who the person was and quickly swallowed the rest of the words back.

"I heard that you found something interesting?" Professor Xuft ignored the Dietrich and went straight to the computer; he didn't even wear a coat now, apparently he hurried from his office as soon as he heard the news Come, that's enough to manage Dietrich.

"Yes, I found a very special set of data, data that has never appeared in previous experiments!" In this laboratory, it is still estimated that only Lu Qiu Jian can remain calm.

"Analyze as soon as possible!" Xuft patted Lu Qiu Jian on the shoulder. Then he looked at the crowd next to him, "What are you doing? Go back to your seat! Have you finished your work?" He knew that under such circumstances, the average person could not calm down and work. He wanted to help Lu Qiu Jian create a better working environment.

Lu Qiu Jian didn't care if anyone was staring at him behind him. Of course, he didn't intend to correct Prof. Xuft; he quickly invested in the in-depth analysis of this set of data. Although the other staff were all in Prof. Xuft Returned to his seat under the scolding of them, but they could n't concentrate on their work at all. They would turn their heads every few tens of seconds to glance at Lu Qiu Jian 's computer screen, trying to find out if he had The results.

Since Professor Xuft drove away others, of course, he was not easy to take behind Lu Qiujiang; he wanted to drink a cup of coffee calmly, but when he poured coffee, he turned his head to Lu Qiujiang's direction involuntarily. I didn't even notice the overflow of coffee from the cup.

As for Dietrich, it was even more tragic. His computer was occupied by Lu Qiujiang. He was very uncomfortable staying by the side. Finally he came to Lu Qiujiang's computer and sat down. But Lu Qiujiang's computer didn't dare to mess up, for fear that it would mess up the work Lu Qiujiang just did.

I don't know how long after that, Lu Qiujiang finally raised his head from the screen. The result came out! “

哗啦, 噗通, 眶 咚. Oops, the laboratory suddenly changed from quiet to noisy, everyone reunited behind Lu Qiujiang, and Professor Xuft pushed his glasses and asked, “What is the result? The Higgs boson was found No?”

“Not really!” Lu Qiujiang shook his head.

“Hey!” There was a sigh in the laboratory, and the undisguised disappointment appeared on everyone's face. Although it was already known that the Higgs boson was not so easy to find, the group was just discovered by Dietrich just now. The anomalous data began, and they were not expecting the miracle to come, but now their dreams were shattered.

“However, from this set of data, we can indeed see the traces of some particles that have not yet been determined!” Lu Qiujiang's words brought back their hopes. “From the current data, it can be seen that this kind of particles have been realized. The characteristics are very close to the Higgs boson! “

In plain language, Lu Qiujiang now finds an unfamiliar footprint at the murder site. This footprint is very close to the top of the police suspect list, although it is not certain that he is the murderer. But there is no doubt that this discovery gives people the hope of success in solving the case.

“Wow!” The laboratory immediately changed from disappointment to jubilation, which meant that they were closer to the truth.

Professor Xuft gathered the computer and reviewed it carefully. He settled down and said, “Send to cern to see if other cooperative units have found similar data!”

Chapter 250 - Winter break

“A set of data was sent from Munich!” The staff of the Computing Grid Hub reported to David Colin, the head of the group, “It seems that they have a new discovery!”

“What is it!” David Colin immediately opened the file that the staff passed to him, and then his expression became very wonderful, and he frowned and stretched, and muttered in his mouth, “It has never been found before. The signs ... Munich has joined Lu, and the work efficiency has improved greatly ... It ’s just that these alone cannot prove the existence of the Higgs boson ... I do n’t know what they will bring us next Surprise? “

Carefully browsed this document several times, David Colin stood up, “I will report to Dr. Evans, you continue to work, and notify me as soon as there are new discoveries!”

After so many days, Dr. Evans ’excitement for the success of the initial trial has passed, and the collision was completed according to the expected goal, but this is not enough. If he does not find the Higgs boson, he may have to consider changing it. A plan for an experiment!

“Hello David! Is there any good news?” He looked at David Colin who had just come in. 【

“Munich has made a new discovery!” David Colin walked to Evans and handed over a USB drive. “Although we did not meet our expectations, we finally found some signs that have not been found before.”

“Oh? Let me see!” Evans took the USB drive and plugged it into the USB port of his computer, moved the mouse to open the file, and studied the chart in the file for a long time. He shook his head and said, “This can only It means that the Higgs boson may have really been produced in this experiment, but there is still a lack of direct evidence. “

The physics experiment is very rigorous. Such a result certainly cannot satisfy Higgs and other physicists. David Colin shrugged. “The data generated by this experiment has not been processed, and it may not be long before it will be used. There are new discoveries, let ’s wait and see! Maybe there will be good news soon! “

“I hope so!” Evans waved his hand, indicating that David Colin could continue to go back to work. He refocused his attention on the chart on the computer screen.

Just as David Colin's hand caught the doorknob, Evans suddenly raised his head again, "Dave, did you say it was because the energy level of this experiment was not enough. So I couldn't find Higgs Dice? "

"Um ... I ... " David Colin opened his mouth twice, but didn't know how to answer it, because the Higgs boson can be found to involve too many factors, for a time He is also difficult to make a conclusion.

"Well, I'm a little anxious!" Evans smiled at himself immediately. There is still a lot of data that has not yet been processed. Now it is said that this experiment did not find the Higgs boson seems to be earlier.

David Colin nodded and opened the door of the office and backed out, leaving Evans alone in this office. He reviewed the document sent from Munich several times, but still no gain, hang this document to On Cern 's exchange website, he stood up and circled around in the office; I do n't know why, the scene when Lu Qiujian was betting with him was always haunting him in his mind for a long time. Are you really going to lose?

During a game, Dr. Evans did not care. He cares more about Lu Qiujian's prediction before the experiment. Is it really the reason for the insufficient energy level? If so, how to adjust the plan for the next trial? Is it enough to just increase the energy level? Is it really necessary to increase to the level of energy that Lu Qiujian said? Dr. Evans fell into thought.

It did n't take long for David Colin to receive another document from Munich. The content of the document was as good as the previous one. They all found signs that the Higgs boson might exist, but there was still no direct The evidence can prove the existence of this particle.

"Ah, all the data has been processed! The harvest is so much!" Dietrich stretched his head lazily, shook his head in regret, and it was so close to being famous! It is so frustrating! Later, although several similar sets of data were discovered, it was not always the result he wanted.

Ludwig looked at the time in the lower right corner of the computer. "We are completing faster than all other cooperating units. Maybe cooperating units in the United States or the United Kingdom will gain something!"

Physicists have great expectations, so even if it is not the credit of their own laboratory, Ludwig hopes that this experiment will find something.

“Then let’s wait for the news of cern while resting!” Lu Qiujian has now basically determined that he will win the game.

“Okay!” Everyone was listlessly packing things. Left the laboratory.

Soon, other major cooperative units in the world also sent their own discoveries one after another, but their findings were not much different from those found in the laboratory where Lu Qiujian was located. They only found possible signs of the Higgs boson But there is no more direct observation data.

In the last Bundesliga game before the winter break, Lu Qiujian played again. Helped Bayern Munich to beat Stuttgart by a big score and won Bayern Munich to win the half-time championship. Although Lu Qiujian participated in less than half of the official competition, he still beat Nuremberg with his super high goal efficiency Mintar, Leverkusen’s chic brother Berbatov and his teammate Roy Mackay ranked first in the shooter list.

“Good job!” After the game, Magath applauded and welcomed his players, patting their shoulders one by one to praise them. He was very satisfied with the performance of these players. It seems that he may really win the Bundesliga and Europe this year. The Champions League may also be, oh, yes, and the German Cup, Bayern have also advanced in this event.

“It’s winter break soon. I wish you a pleasant holiday, but don’t forget to keep yourself in shape! If I detect who is overweight before the start of the second half of the season, then he will report me to the second team ! “Magath did not forget to warn them.

“Lv, how do you arrange Christmas? Do you want to go to my house to spend time with me?” After sending away others, Magath looked at his love with concern.

“Thank you for your invitation, but I was probably not in Germany at that time!” Lv Qiujian apologized.

“Ah, are you going to receive the award again?” Was any award announced at this time?

“No, it’s to give prizes to others!” Lu Qiujian said calmly.