



The Dual Diploma Times

Seventh Edition

February 2018

“Alumni— Live The Learning”

By Anna Carbonell

On November 29th at 8:00 p.m. CET, Cindy Osorio, a Dual Diploma Teacher, led a Live Session in which two students who already graduated told to around 30 current students of the program, about their experiences in the program.



The guests were David Mejia who is currently studying economics in English at Navarra and Lucia Catalan who is studying violin in a conservatory of music at La Rioja. Both confessed their nostalgia for the speaking activities in Burlington English modules, in which you need to hear a word and then you record yourself repeating it.

Before the round of questions they made a presentation in PowerPoint about who they are, what hobbies they enjoy, what they do nowadays and how the skills they learned in the Dual Diploma program serve them daily.



The current students wanted to know what was their most difficult course in the Dual Diploma program. They answered that all of the courses were difficult but they had to strive to succeed. And they did!

Current students also wanted to know if the Dual Diploma program was still proving useful nowadays? Mejia is studying economics in English so his grasp of the language is essential to his success. Catalan said it has helped her own purposes, in daily life.

At the end of the meeting they wanted to share their gratitude for the amazing experience of expanding their English and everyone who is involved, especially the teachers who work really hard to correct our assignments.

Newspaper Club

Members

Ainoa LLacer
 Anna Carbonell
 Astrid Broucas
 Benedetta Rigotti
 Borja Medina de las Heras
 Claudia Mateos Diaz
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Live the Learning with Florida House of Representative, Manny Diaz

By Elise Olle

On Tuesday, November 28, 2017, Dual Diploma students had the opportunity to meet Manny Diaz in a virtual meeting, as part of the Live the Learning guest speaker series. Since 2012, he has been a Republican member of the Florida House of Representatives, representing the 103rd District, which includes southern Broward County and northeastern Miami-Dade County, stretching from Miramar to Hialeah Gardens, since 2012. The role of the House of Representatives is to preside over debates, appoint and select committees, and performs other important duties.

In 1994, Diaz graduated from St. Thomas University with a Bachelor's degree in Human Resources. In 1998, he graduated from Nova Southeastern University with a Master's degree in Educational Leadership. Later, he worked as a teacher and a coach at Miami Springs High School and Hialeah-Miami Lakes High School. In 2010, Manny Diaz ran for the Miami-Dade County School Board, but lost to Perla Tabares Hantman in the primary election. In 2012, Diaz ran in the newly created 103rd District in the Republican primary and won 55% of the vote.



Manny Diaz is an important supporter of online school. At the meeting, Diaz explained that he sponsors legislation that would "allow more private online education companies," and allow students to take classes in public virtual schools in other counties, and require the Florida Department of Education "to create a catalogue of online offerings." He finds it very great and convenient for parents or children who need a more flexible school organization. He believes that every student should be able to choose the way they want to learn.

During the meeting, we had the opportunity to ask all of our questions. We asked him about his opinion about abortion, and Diaz stated that he is strongly against it. Other students asked him about euthanasia and he is also against that. Then, we talked about the right to possess guns. According to Diaz, the second amendment to the US Constitution protects that right. This amendment allows people over 21 to carry a gun to protect themselves.

We also asked him if he agreed with letting teenagers drive at 16 years of age. Manny Diaz said that a 16-year-old teenager has adequate reflexes and physical skills for driving. He insisted on the fact that it is very important to know how to drive. For the moment, he believes that the laws regarding driving age work well.

We are very grateful that Manny Diaz attended the meeting and took the time to answer all of our questions! At the end of the meeting, I asked the students how they found this Live the Learning session. Everyone found the meeting interesting. It was a great way to learn more about the American government, and very interesting to make a comparison with our home country. For some people, the meeting was too short and they wished they could have had more time to defend their opinions on some subjects.

How to Avoid Plagiarism

By Anna Carbonell

When you are starting a project or an assignment and you need to search information, the easiest way to get the highest grade is ``copying and pasting`` everything. But, when you do that you are submitting another's work as your own and can hurt your grades and can face criminal sanctions.

Dual Diploma Students attended a mandatory Live Session in which teachers explained what qualified as plagiarism and demonstrated methods to avoid it. According to an English teacher I know, María del Carmen de Miguel, plagiarism is disloyal to the assignment's author because you are using another's work but attributing it to yourself. Imagine a student gets the highest grade in the entire class and then they discover that this student has copied the work of another person.



To make the students work easier and to not commit plagiarism here are few ways to avoid plagiarism:

1. Paraphrase: change the phrase by putting the writing in your own words, but also credit the source from the place you took the information, even though you don't need to put quotation marks.
2. Summarize: read and understand it, it's one of the most important things, highlight the most important ideas, don't forget to paraphrase when you write and make it short... you are summarizing not rewriting it!
3. Citing sources ONLINE: when you cite your sources from an *online encyclopedia* you must follow this: "Title of the article", Name of Encyclopedia. Year. Name source (online). Date. <URL>. When you have a *website article without author's name*: Title of the website. Date last updated. Name of organization that sponsors the site. Date accessed <URL>. *Website article with author*: Last Name, First Name. Title of the Website. Date last updated. Name of organization that sponsors the site. Date accessed <URL>.
4. Citing print sources: *Book*: Last Name, First Name. Title. Place of Publication: publisher, Copyright Date. *Encyclopedia*: Last Name, First Name (If given). "Title of Article". Name of Encyclopedia. Edition Year.
5. *Magazine Article*: Last Name, First Name. "Title of Article" Title of Magazine Date page numbers. *Newspaper Article*: Last Name, First Name. "Title of Article". Newspaper Name Date: page numbers



The best way to make students realize that plagiarism is wrong is to show the harm in doing this activity. These simple habits can help students to create a unique work.

Alzheimer's Disease

By Laura Espinosa

Can you imagine losing your memory little by little until you reach the point of needing someone to accompany you and help you in everything you do?

Well, more than 46 million cases of people with Alzheimer's have been diagnosed around the world. Will we be among them?

Our brains have neurons which store our memories. People without Alzheimer's disease lose the function of these memory-storing neurons.

Many scientists are dedicated to the search for a cure for this disease. Although it is a difficult investigation, progress is being made as in the case of a group of neuroscientists who discovered that the memories don't disappear or are forgotten, but that these memories are still stored there in the brain in a way that's a little inaccessible. They say that in order to recover those memories, the key is to artificially activate the neurons



that contain the memory. The geniuses that discovered this are scientists from the Massachusetts Institute of Technology (M.I.T.). With simple pulses of light, these scientists were able to stimulate the nerve cells in the brains of mice which successfully activated memories. This technique is known as optogenetic.

After this brief explanation, we must take into account that the mice did not suffer from the disease but were given some aspects of this illness that coincide with those we found in the first development of Alzheimer's. They also say that this experiment would not work right now with human beings because they still need to investigate a little more about the disease. However, in a few years, we may see optogenetic treatments used to treat early states of Alzheimer's disease. This discovery is a great step forward in the treatment of this disease. To learn more visit <https://www.alz.org/>

Juno Space Probe

by Borja Medina de las heras



On the 5th of August of 2011, from Cape Canaveral Air Force Station, an unmanned spacecraft from NASA was sent bound to Jupiter. Nowadays it's orbiting next to Jupiter and its moons, taking the most spectacular photos we have ever seen of this incredible planet of our Solar system.

It took Scott Bolton and the rest of his team approximately 7 years and 1100 million dollars to design and create Juno. After a successful launch, travelling

at a speed of $\sim 265\,540$ km/h (the maximum speed), the probe finally entered the polar orbit of Jupiter on July 5, 2016, and began scientific exploration. Juno's mission is to "improve our understanding of the solar system's beginnings by revealing the origin and evolution of Jupiter," according to NASA.gov. Juno will determine how much water is in Jupiter's atmosphere, which will help us to find out how this planet formed so long ago. It will also provide us a lot of information about the composition of the atmosphere, the internal structure of the planet and its auroras.



There are many instruments on the Juno. The JUNOCAM captures images sent back to earth. The JIRAM visualizes the Aurora and clouds in the infrared range. The UVS also visualize the auroras but in the ultraviolet range. The WAVES studies the magnetic field. JADE and JEDI are studying the particles that interacts with the magnetic field and the auroras. Gravity Science and Microwave Radiometer will provide the interior structure of the planet, while

the Magnetometer is studying the magnetic field.

Juno will be in orbit until September 4, 2019 at 2:00 am. If you are interested in learning more about Juno and the data being sent back to earth, you can check out:

https://www.nasa.gov/mission_pages/juno/main/index.html

The Depopulation in Spain

by Jorge Estríngana

Villages in the region of Teruel and Guadalajara are running out of people and the depopulation of villages preoccupation grows in Spain.

Most of the people remaining in these villages are elderly people and the people who leave the villages are young people looking for more job opportunities.



What is depopulation?

Depopulation occurs when the population of a city or village (in this case, village) reduces in a massive way. On some occasions we might see depopulation because of war, illness and other issues but this is not the case of Spanish villages.

Why this phenomenon is a problem?

Depopulation causes the contraction of the incomes of these rural communities, reducing at the same time the tax base of that rural area. It also causes social consequences such as emotions in the people remaining in the town or village, who suffer the loss of a friend or a family member. According to "Hertigage", in some cases this social effects decreases the level of support on the people remaining in the left depopulated village.

Why does this happen?

As I said before, war and illness are sometimes the leading causes of depopulation but in the villages of Teruel and Guadalajara the situation is quite different: The most popular reason of depopulation in Spanish villages is the search for opportunities of young people, who leave villages to go to cities with the purpose of finding a more suitable job.

Molina de Aragón, Guadalajara

This village in the North of the region of Guadalajara, only 200km away from Madrid is the village of Spain with the lowest temperatures and is one of the villages that are being affected by depopulation. It's density of population it's just 1.63 persons per square kilometer, which is one of the lowest of the entire country. It's population is mostly elderly people and it's temperature is one of the lowest of Spain, with 10 degrees Celsius of media from 1980 to 2010, according to "ABC". With all of these facts, people have began to talk about Molina de Aragón as "The Spanish Siberia".

Ariña, Teruel, Aragón

In the case of Teruel, some of the villages in this region have lost 15% of their population in the last years. For example, in "Ariño", which is a very small village in the north of Teruel, the leading cause for the depopulation is the carbon crisis, created by the closure of the mine of Mezquinenza. This massively affects some people in the village because quite a lot of people work in these mines that are being closed during these years.

Depopulation is considered a problem and the government is working on different measures to end it. Some of them could be to create jobs for people in villages so that they won't need to travel to a city to set a new life.

Tax evasion around the world by Luc Gabardo



Wilbur Ross, Twitter, Bono, Madonna, the Kremlin, and the Queen: Elizabeth II: have all been linked to tax evasion in a recent controversy.

Where does this investigation come from?

This investigation came because of a big leak of more than 13.6 million of documents, principally from Appleby, a law firm but in Bermuda, in addition to other places around the world.

More than 400 journalists worked in this investigation for almost one year. This survey was created after an anonymous source delivered a big leak of documents, known as the Panama Papers, were delivered to the *süddeutsche zeitung*, a German newspaper.

What we learn with these documents?

These documents show us how rich people can avoid paying taxes by using very complex circuits for placing their money in some places around the globe where taxes are virtually non-existent. These documents show how the legality of their tax evasion can be immoral because these documents show to us only the legal circuits. What we don't know is how or how much money has not been paid thanks to loopholes in the international tax system.

Who is found in these documents?

Wilbur Ross, Donald Trump's trade minister.

The queen of England, **Elizabeth II**, had her money placed in the Cayman Islands.

Prince Charles campaigned for changes to some climate change agreements, without revealing that he had just invested in a Bermuda-based company that would benefit from his proposals.

Someone close to the Canadian prime minister, **Justin Trudeau**, has put part of their money in a fiscal paradise in addition to many others like: Mathieu Flamini, Bono, Bernard Arnault, Madonna and Lewis Hamilton.

The multinationals:

The multinationals put approximately 40% of their profits in a fiscal paradise according to Gabriel Zucman, a famous economist.

Nike is one of the champions of the optimization. By using circuits, Nike has managed to reduce its tax rate in Europe to 2%. A very good combination that has allowed it to go from 24% to 16% global taxation in three years.

Apple. In total, the company has accumulated more than 110 billion euros of profits in tax havens.

Total (the oil and gas company) Total has defended itself against tax avoidance charges. However, the "Paradise Papers" reveal that the group has opened at least 15 subsidiaries in Bermuda, a tax haven.

The Inspiring Sergio Llull, Trains Hard after ACL Surgery

By Jaime de andres lerma



On August 10, 2017. Spain's national basketball team played against Belgium. In the Spanish lines was Sergio Llull, newly named European MVP, soon to be the Spanish team star and also the star of the Europe Cup. But suddenly in the first five minutes, Llull fell and started shouting, this was the beginning of a long injury.

Llull suffered a right knee anterior cruciate ligament (ACL) rupture, which would require surgery. Nonconformist by nature, since the day after the operation, Llull believed only in his return to the courts; "I'll be back", he claimed, in a message sent through social networks.

After a week of rest, post-operation, Llull began to train again, entering the first phase of recovery, whose total has an average length of between six and nine months. As much as Llull wanted a speedy recovery, doctors, who must monitor his progress, couldn't accurately predict how long it would take.

The progress continued and on his 30th birthday, the Spanish International shared with his followers good feelings about his recovery and showed in a video how he made "new steps" to achieve his goal. On December 5th, the playmaker of Real Madrid used social networks to share Llull's progress to achieve his return to the courts. Llull, who soon will be four months POST-SURGERY, already began jogging and exercising with his injured knee.

With the gain in his muscle, he will begin the activation period: continuous jogging over long distances and, to a lesser extent, practicing jump shots and free throws. Toward the final phase, when he will be fully recovered, he might start to train with the rest of the group.

The club is aware that they have lost their star... but they won't fool around with his recovery. The plan established for his return to the courts is optimistic: 6 months. Perhaps lengthening to 8 months but... This is the amazing Sergio Llull, a winner, a fighter, a wizard inside and out, now more than ever.

This is the perfect example of success, Llull a star, lost everything he had gained but instead of failing he has worked hard and in a few months is going to be able to play again. If you work hard, if you believe in you and if you stand up after every fall, you will achieve your objectives, so let's start working!



Travel in Portugal By Astrid Broucas



Last summer, I traveled with my family to Oporto and Lisbon. We were very impressed by the culture and the different kinds of people living together in the same towns. I decided to write this article to share some details about Portuguese culture with you.

Portugal is a small country at the south-west of Spain, a member of the European Union bound to the North and the East by the Atlantic Ocean. This country has around 10,309,573 inhabitants. One of the most important industries, tourism, draws many visitors eager to see Portuguese architecture, which is gothic and is inspired by Arabian, Spanish and Roman architecture, or eat the delicious food, or visit the impressive churches or enjoy it's wonderful museums.

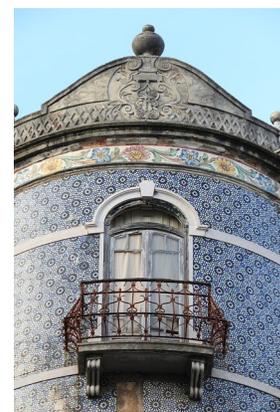
There are many clichés about Portuguese people, and I was happy to learn whether or not they were true. For example, the Portuguese are supposed to love cod, but do you know that the typical dish is? The *Fransecina*, which is a kind of grilled ham and cheese sandwich with a tomato sauce.

In Portugal, just as in my home country of Spain, family is very important and so is religion. In fact, in Portugal, there are many churches with beautiful altarpieces. It was clear to see that Portuguese's culture is linked to the Catholic religion. With my family, I visited many churches and I thought that each one was different from the other. For example, each church has it's own representation of Christ. It's very interesting. A guide explained to us that the altarpiece is designed for people who don't know how to read. it is a big piece of furniture behind the altar that has many statues to illustrate excerpts from the Bible.

I discovered that Lisbon was more international than Oporto. For example, the restaurants proposed Portuguese cooking as well as European cooking. I personally preferred the Portuguese-only cuisine, which could provide the authentic experience of the country I was visiting, and not the reminder of where I already live.

Restaurants offering European cuisine were just one sign of the influence of tourism on Portuguese culture. For example, the streets are full of "tuk tuk", which are small electric cars transporting tourists to different places. These "tuk tuk" allow less pollution as part of the sustainable development. One of the most popular Portuguese habits is to eat early in the evening and take a walk through the city or share time with family. But to better accommodate tourism, Portuguese restaurants stay open late in the evening.

You can also walk down the street to see houses with "ajuleros", a kind of mosaic wall, and speak with local people to learn more about the Portuguese culture. Portuguese history is a source of pride to the countries inhabitants. In Portugal, local people love speaking with tourists to "teach" them their history. Did you know that Christopher Columbus was Portuguese? In almost each town, we can visit a museum about this very famous explorer.



PARIS VIEW BY A PARISIAN

Article and pictures by Elise OLLE



The Clock of the Musée d'Orsay

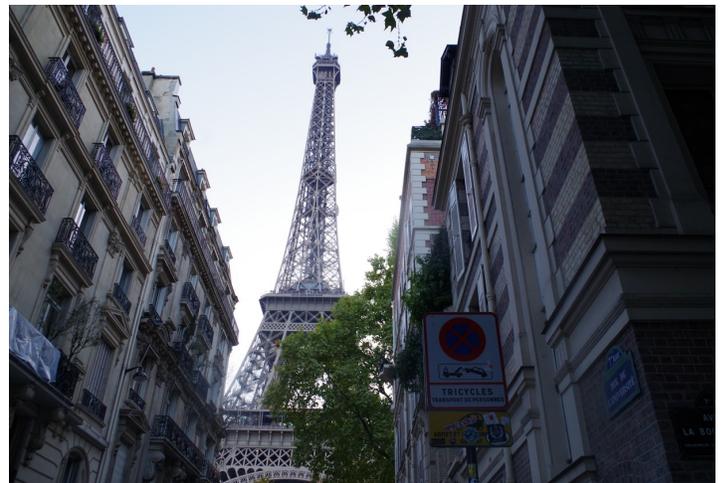


I love museums, and my favorite is the Musée d'Orsay. Before being a museum it was a train station. I love the paintings of Monet, Manet, Degas, Van Gogh and many others... I took this picture on the second floor

of the museum. This clock is beautiful and gives a pretty view of the Seine and Paris.

The Eiffel Tower

Paris can't be Paris without the Eiffel Tower. But this is a different point of view than the usual one. It also lets us see the French architecture.



The “Je T’aime” (I love you) Wall

On Montmartre there is a huge wall. People wrote “I love you” in many languages. I find this very pretty!



The Thrift Shop

My favorite district of Paris is Le Marais. You can find art at every corner and many thrift shops. This small shop once belonged to an old hair salon (coiffeur in French). In a thrift shop you can find clothes that people don't wear anymore for a very cheap price. I like the idea of reusing old clothes, just like reusing a commercial location.



Street Art Stands for Women Rights

We can find lots of street art in Paris. This mural represents women's rights. We can read “We are all grown in a woman's body. Women Day, 8th March 2014”



The Art Squat

When I go shopping I love to go to Rue Rivoli near Le Louvre. Between two shops, I go to this wonderful art squat, which is very modern and colorful. On the top floor there is a canopy. This is where I took this picture.



Also in the amazing Rivoli squat, there is an artist who creates sculpture with everyday objects. This is very pretty and at the same time personal, we can see a glimpse into the life of the artist through his works.

The Banks of the Seine

One part of the banks has drawings and a space playing a game. It's a very fun and calm place to visit. I love to go there with my friends and eat crepes and waffles.



VICTORIA SECRET FASHION SHOW 2017

By Claudia Mateos Diaz



The Victoria's Secret Fashion Show is an annual fashion show sponsored by Victoria's Secret, a brand of sleepwear. Victoria's Secret uses the show to promote and market its goods in high-profile settings.

This show is known worldwide because of the top models such as: Adriana Lima, Alessandra Ambrosio, Candice Swanepoel, Lily Aldridge, Elsa Hosk, Jasmine Tookes, Josephine Skriver, Lais Ribeiro, Martha Hunt, Romee Strijd, Sara Sampaio, Stella Maxwell, and Taylor Marie Hill.

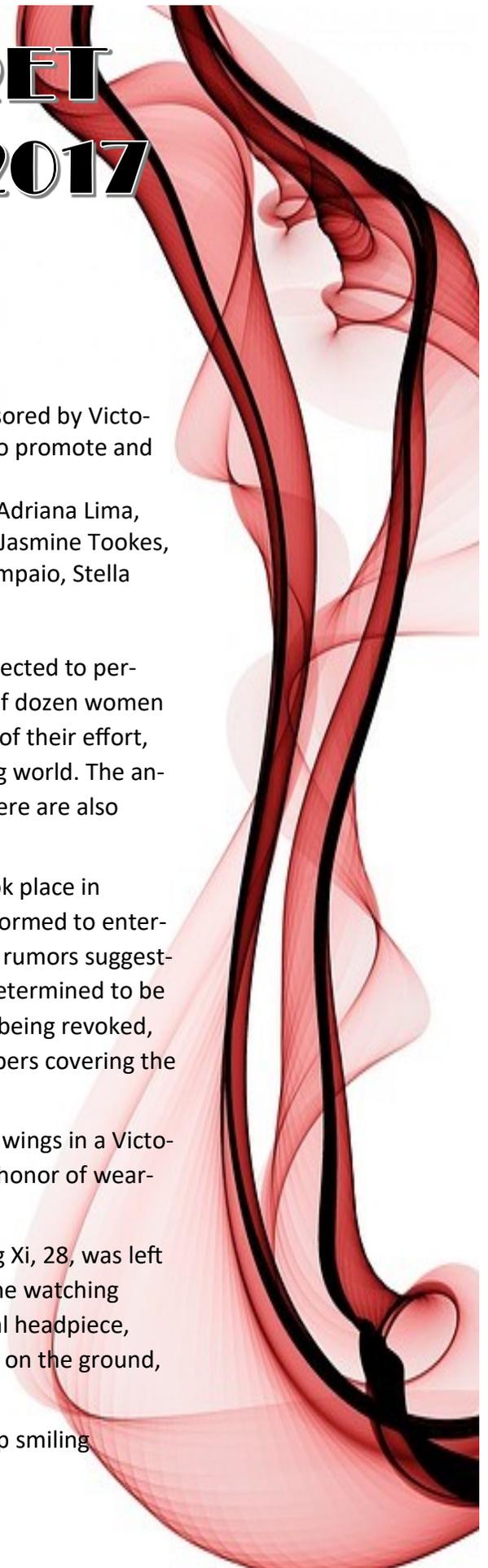
Each year, twenty to forty of the world's top fashion models are selected to perform in the fashion show. In a typical year, this includes about a half dozen women under contract to the company. They are basically chosen because of their effort, their impact during that year in the social media or in that modeling world. The angels wear wings and the one chosen for it is different each year. There are also different topics and prices as: "PINK".

Regarded all this, last November 28th, the Victoria Secret Show took place in Shanghai, China at the Mercedes-Benz Arena, Many musicians performed to entertain like Harry Styles, Miguel, Leslie Odom Jr. and Jane Zhang. Early rumors suggested that Taylor Swift would perform alongside Styles, but this was determined to be a hoax. A performance by Katy Perry was cancelled due to her visa being revoked, which also affected several models like Gigi Hadid and media members covering the show.

Blanca Padilla, from Spain, is the first Spanish Angel who wears the wings in a Victoria Secret Show. The 27-year-old Angel, Lais Ribeiro, was given the honor of wearing the most popular merchandise during this year's show.

As the climax of the show, this year, the native Chinese model Ming Xi, 28, was left red-faced after she took a tumble on the catwalk, to the shock of the watching crowd. She was wearing a silver and blue outfit with elaborate floral headpiece, Ming slipped and fell flat on her face. After spending a few seconds on the ground, she was kindly helped up by her colleague Bruna Lirio, 23.

Ming did not let the incident ruin her day, and she managed to keep smiling throughout.



**You, tú, toi, you are my entire world.
I feel spring on my heart because of you.**

**I love you and your perfect smile,
your green eyes and light skin.**

**I promise you that we will be eternal,
I promise you Paradise,
I promise you will forget grey days
and poems with words with no meaning.**

**Because I will give you
what spring
gives flowers.**

**What is Love?
Love is Love and my Love is you,
so you are love.**

By

Ainoa Llacer



The Dual Diploma Times

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