



Tech and Gender Challenges (and the Fourth Wave)

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A decorative background on the left side of the slide features a light green balloon at the top, a light blue balloon in the middle, and a light purple balloon at the bottom. Yellow streamers and triangular shapes are scattered around the balloons.

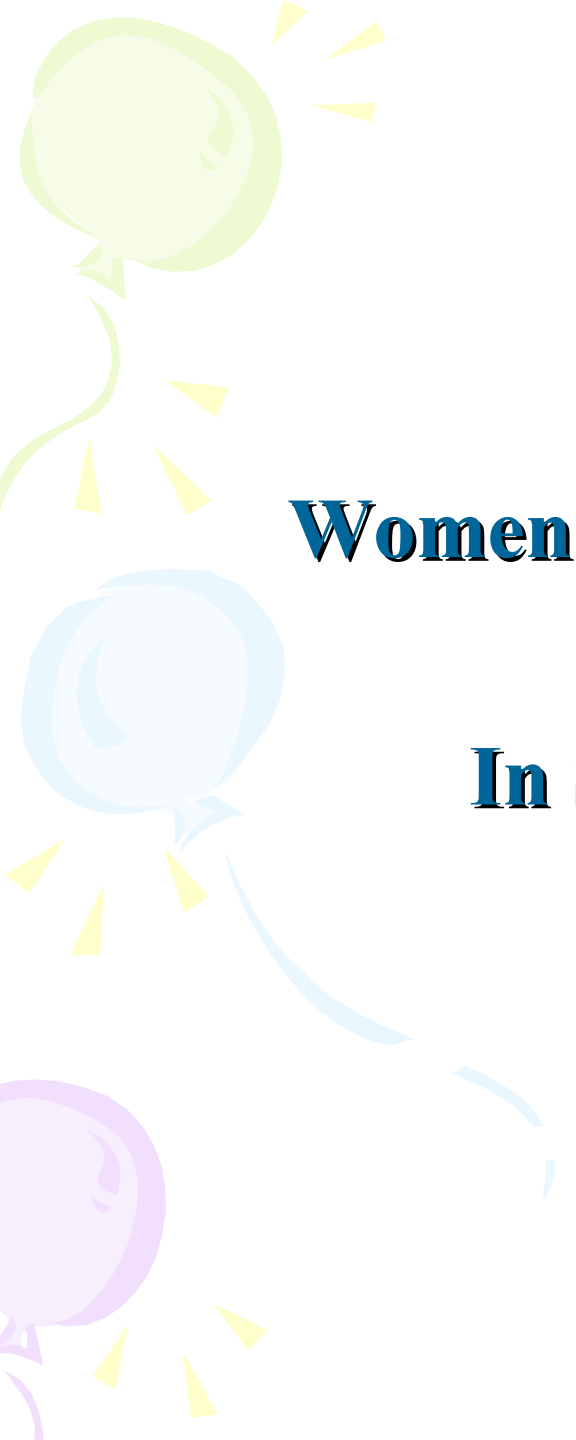
About Me

- Founder of WoFOSS (2010), PyLadies Taiwan (2013)
- Co-founder of WikiWomen Taiwan (2015)
- Executive board member of Wikimedia Taiwan Chapter
- Board member of Women in Digital Initiative
- Board member of Feminist Leadership and Mobilization on the Edge



The Gender Gap in STEM

(Science, Technology, Engineering, and Math)

A decorative graphic on the left side of the slide features three balloons in shades of green, light blue, and purple. Each balloon is attached to a streamer and has several small yellow triangular shapes radiating from it, resembling a sun or a burst of light.

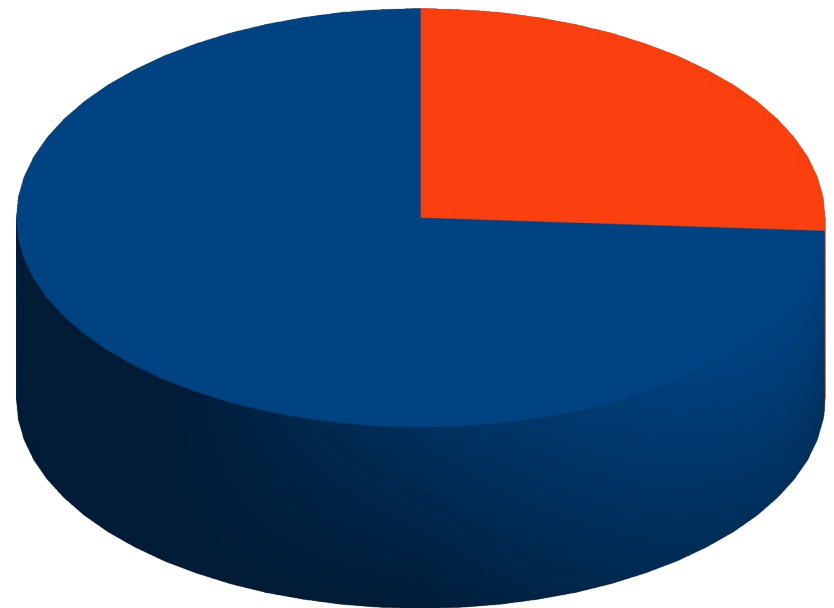
**Women are far less in their numbers
to the males
In Science and Technology**

The Numbers: US

- Only 26% of professional computing occupations in the 2019 U.S. workforce held by women.

Professional Computer Occupations in US

■ Male ■ Female

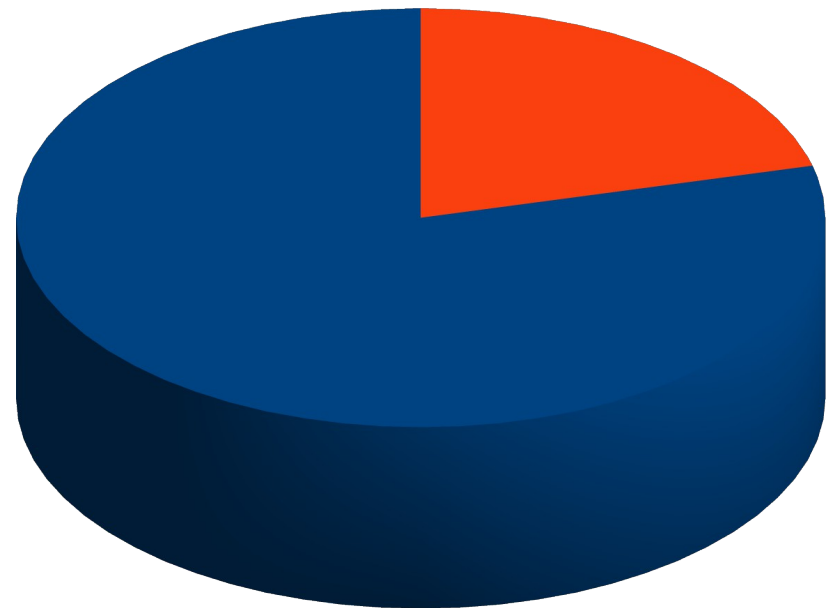


The Numbers: US

- Only 21% of 2014 Computer and Information Sciences bachelor's degree recipients who were women.

CS Undergraduate Degree Recipients in US

■ Male ■ Female

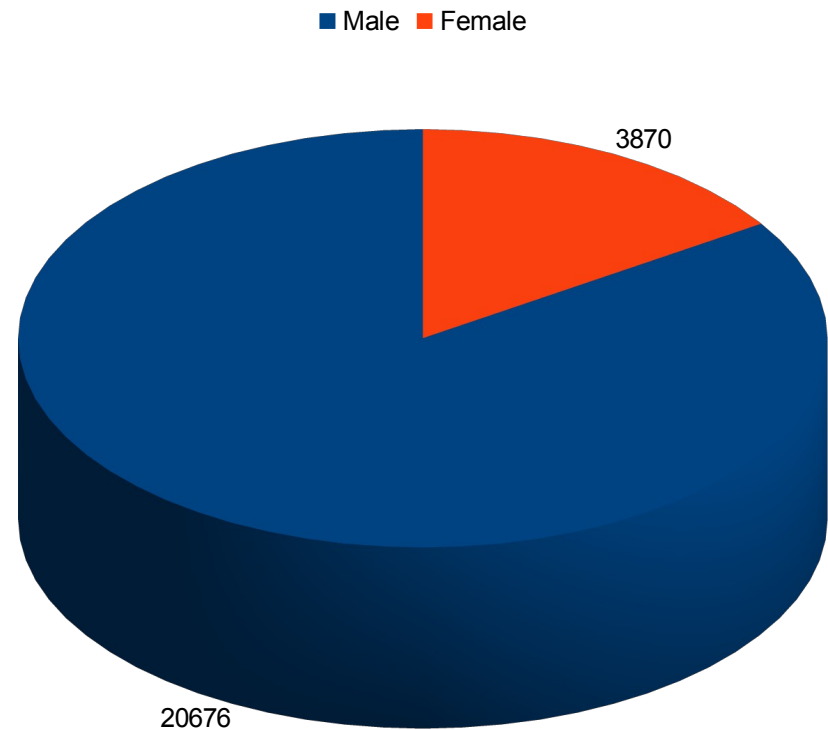


The Numbers: Taiwan


- The number of undergraduate students majored in CS:

- Male: 20,676 (84.2%)
- Female: 3,870 (15.8%)

Undergraduate Students in CS in Taiwan



Source: 教育部 (2019) 大學校院前50大系所學生人數—按性別分

A decorative graphic on the left side of the slide features three balloons: a light green one at the top, a light blue one in the middle, and a light purple one at the bottom. Each balloon is attached to a streamer and has several small yellow triangular shapes around it, resembling confetti or streamer ends.

**But there are many
intelligent female computer scientists
in the human history!**

Ada Lovalace (1815-1852)

- First programmer in the human history



Drawn by Alfred Edward Chalon, 1840

Grace Hopper (1906-1992)



- Invented the first compiler
- Inventor of the COBOL programming language

Photo by James S. Davis



And many, many more...

The slide features three balloons on the left side: a green one at the top, a light blue one in the middle, and a purple one at the bottom. Each balloon has a streamer and several yellow triangular shapes around it, resembling confetti or streamer ends.

The Negative Effects of Gender Inequality in their Numbers



Negative Effect of Gender Inequality in Their Numbers

- Directly resulting the gender inequality in computer science area



Negative Effect of Gender Inequality in Their Numbers

- Directly resulting the gender inequality in computer science area
- Lack of women's perspectives in product design



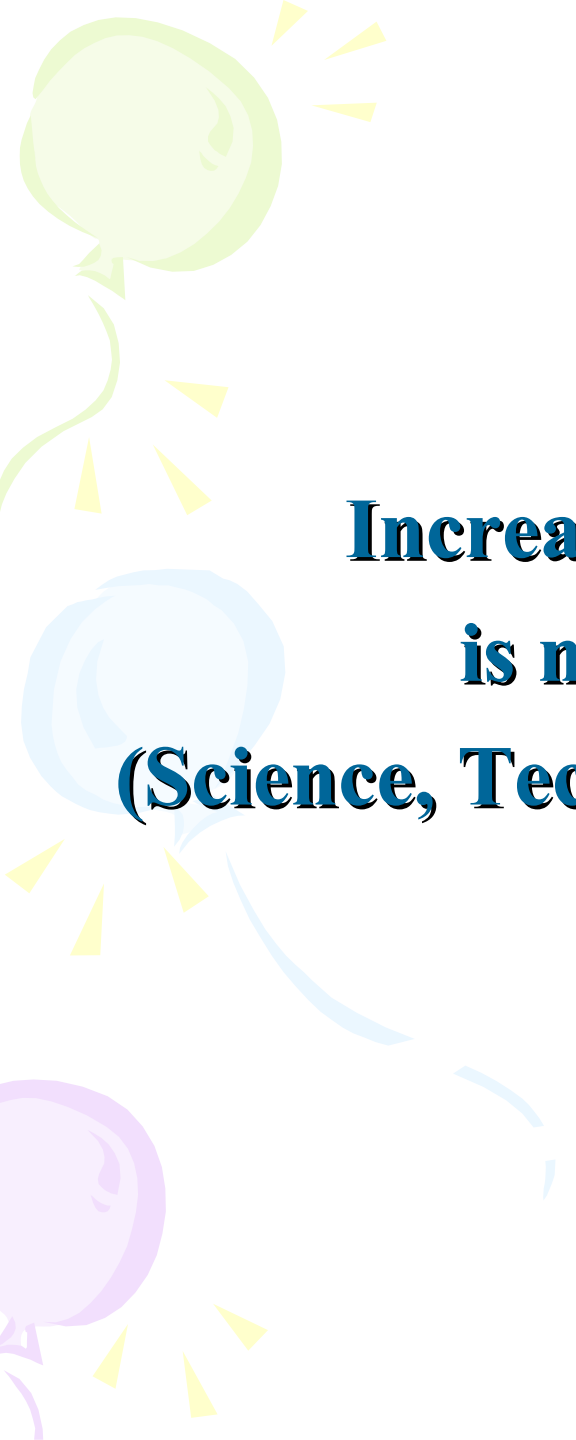
Negative Effect of Gender Inequality in Their Numbers

- Directly resulting the gender inequality in computer science area
- Lack of women's perspectives in product design
- Barriers to women with potential in computers to join this area



Negative Effect of Gender Inequality in Their Numbers

- Directly resulting the gender inequality in computer science area
- Lack of women's perspectives in product design
- Barriers to women with potential in computers to join this area
 - Which, in turn, resulted less and less women in computer science area

A decorative graphic on the left side of the slide features three balloons: a light green one at the top, a light blue one in the middle, and a light purple one at the bottom. Each balloon is attached to a thin, wavy streamer. Small, yellow, triangular shapes are scattered around the balloons, resembling confetti or streamer tassels.

**Increasing women's participation
is now a key issue in STEM
(Science, Technology, Engineering, and Math)**

A decorative graphic on the left side of the slide features three balloons in shades of green, blue, and purple, each with a yellow streamer and several yellow triangular flags. The text is centered on the slide.

**I started to organize women's communities
since 2010**



2010/10

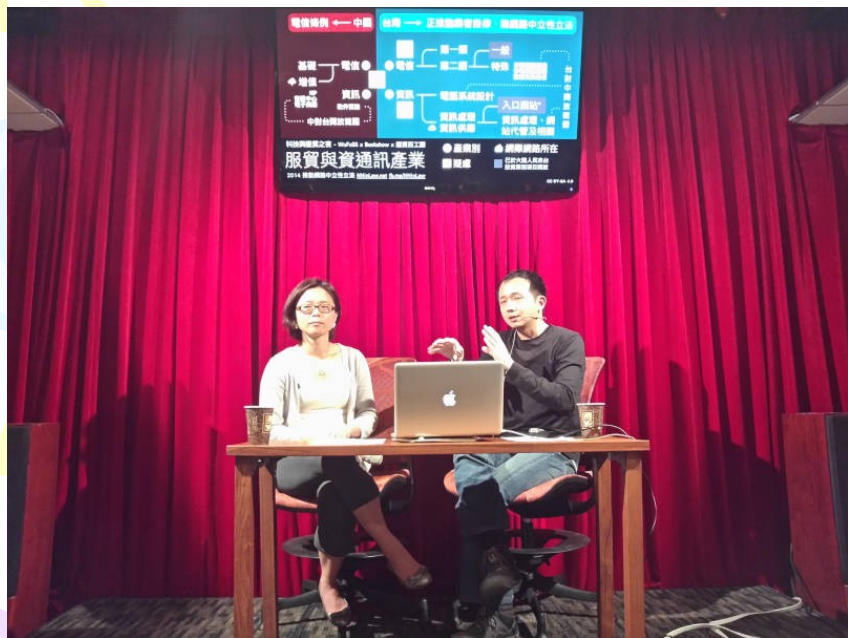
WoFOSS 台灣女子自由軟體工作小組

W**o**F**o**SS

2010/10/20 WoFOSS First Meet!



2014/4/10 WoFOSS+Bookshow+ 服貿百工圖 科技與服貿之夜



2015/3/26 WoFOSS×Wikimedia A Room of WikiWomen's Own





And it's been 10 years!

PyLadies Taiwan



2013/9/28 PyLadies Taiwan

嘉儀：金融業菜鳥實習生的python project 初體驗





A Room of WikiWomen's Own
薇姬的房間

A decorative background featuring a light green balloon at the top left, a light blue balloon in the middle left, and a purple balloon at the bottom left. Yellow streamers and triangular shapes are scattered around the balloons.

A Room of WikiWomen's Own

- A joint force of WoFOSS and Wikimedia Taiwan Chapter
- Encouraging more women to join editing Wikipedia articles

2015/3/26 WikiWomen Taiwan



A decorative vertical column of three balloons is positioned on the left side of the slide. The top balloon is light green, the middle one is light blue, and the bottom one is light purple. Each balloon has a thin, wavy ribbon extending downwards and several small, yellow, triangular shapes radiating from its top, resembling streamers or confetti. The background is plain white.

Difficulties and Challenges



Difficulties and Challenges

- Participation of Males:
 - A women's community that has more males than females?



Difficulties and Challenges

- Questions from the community
 - “Why bring the girls out when there are already so little number of girls?”



Difficulties and Challenges

- Difficulty in the participation of women
 - Care takers' responsibilities to children and family affairs

A decorative graphic on the left side of the slide features three balloons: a light green one at the top, a light blue one in the middle, and a light purple one at the bottom. Each balloon is attached to a streamer and has several small yellow triangular shapes around it, resembling confetti or streamer ends.

The 4th Wave: Social Media in the New Era




Since 2010,
social media becomes an essential dynamic
in the society.
Social media is now everywhere.

And it grows faster than anyone can catch up.



Image by wilgengebroid

The background of the image is a repeating pattern of the hashtag "#MeToo" in a light blue color, arranged in a grid-like fashion. The text is slightly blurred and has a soft glow, creating a textured effect. The overall color palette is light and airy, with the blue of the text contrasting against a pale, almost white background.

Since 2017,
the #MeToo hashtag has changed the shape
of gender movement forever

Image by Wolfmann

#MeToo

- The former American film producer Harvey Weinstein case (2017)



Photo by David Shankbone

#MeToo



- Larry Nassar, the former team doctor and professor in the USA Gymnastics sex abuse scandal (2016)

Source: Michigan Attorney General's office

#MeToo in Taiwan

- The Liang Mei-Tsung (梁梅宗) case (2018)



『應該要給我翅膀的教練，卻讓在要起飛的時候，硬生生把他折斷』

雖然痛苦過，但我要說的是，我活下來了，除了我的信仰以外，也讓我遇到我即將託付終生的人。

『我不再是受害者，#我是個存活者』

會講出來的原因，是我看到『美國體操界』的新聞，我看到我的偶像出面指控隊醫性侵時，的那種堅毅的眼神，我淚流不止，我知道，跟我同樣受苦的人，還活在痛苦的深淵。

#MeToo



- The former Fox News CEO Roger Ailes and the «Bombshell» (重磅腥聞) movie (2019)

#MeToo in Japan

- The freelance journalist Shiori Itō (伊藤詩織) case against Noriyuki Yamaguchi (山口敬之) (2017)



京都新聞

デジタル版 ログイン

メニュー 検索

ホーム 人気 京都 滋賀 観光 スポーツ 社会

元TBS記者に賠償命令

性暴力被害、伊藤詩織さん勝訴

2019年12月18日 10:42

Twitter Facebook BI Messenger



性暴力被害を巡る訴訟の判決後、東京地裁前で「勝訴」と書かれた紙を掲げるジャーナリストの伊藤詩織さん=18日午前

ジャーナリスト伊藤詩織さん(30)が、元TBS記者山口敬之氏(53)から性暴力を受けたとして、1100万円の損害賠償を求めた訴訟の判決で、東京地裁は18日、

Source: 京都新聞 2019/12/18



The #FreeTheNipple Movement

Photo by C.Suthorn

#ILookLikeAnEngineer

ComputerWeekly.com

IT Management

Industry Sectors

Technology Topics

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TechTarget

What is the #ILookLikeAnEngineer campaign?

By Mia Valley

Published: 14 August 2015 9:50



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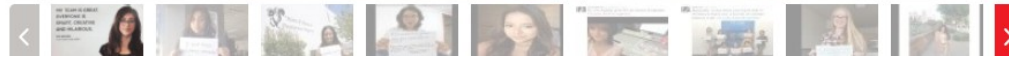
The advert that started it all: #ILookLikeAnEngineer

< 1/12 >

MY TEAM IS GREAT.
EVERYONE IS
SMART, CREATIVE
AND HILARIOUS.

ISIS WENGER
PLATFORM ENGINEER

onelogin.com/careers



Source: ComputerWeekly.com 2015/8/14

#FreeTheFive



Free The Five

Five women's rights activists - Wu Rongrong, Wei Tingting, Li Tingting, Wang Man and Zheng Churan have been detained in China after planning events calling for an end to sexual harassment for International Women's Day on 8 March. If charged, they could face five years in prison. Please post messages or images calling for their release to show solidarity with the five women.

[#FreeTheFive](#)

中国五个女权行动者：武嵘嵘、韦婷婷、李婷婷、王曼、郑楚然因计划在3月8日组织反对公车性骚扰的活动而被拘留；如正式被定罪，她们将面临最高五年的刑期。希望大家上载照片或讯息，为她们打气。我们希望能够与他们（或他们的家人）分享这些留言。



Source: FreeTheFive Tumblr

A decorative graphic on the left side of the slide features three balloons in shades of green, blue, and purple, each with a yellow streamer and several yellow triangular flags. The balloons are arranged vertically, with the green one at the top, the blue one in the middle, and the purple one at the bottom.

**Young feminists and feminist organizations
emerge from social media**

FEMEN

FEMEN

FEMEN OFFICIAL BLOG



New colours for t-shirts

HOME

NEWS

TOP STORIES

GALLERY

VIDEOS

ABOUT US

FEMEN STORE

SUPPORT FEMEN!

NEWS TICKER >

[July 2, 2020] **BLASPHEMY IS A HUMAN RIGHT!** MAIN STORY

SEARCH ...

A PANTHEON FOR WOMEN

May 30, 2019 Gallery, News



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First name

Last name

Subscribe

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BUY FEMEN T-SHIRT



A decorative graphic on the left side of the slide features three balloons: a light green one at the top, a light blue one in the middle, and a light purple one at the bottom. Each balloon is attached to a thin, wavy streamer and has several small, yellow, triangular shapes radiating from it, resembling party streamers or confetti.

...and Sherry Chih Hsuan Chou (周芷萱).

A decorative graphic on the left side of the slide features three balloons: a green one at the top, a light blue one in the middle, and a purple one at the bottom. Each balloon is attached to a streamer and has several small yellow triangular shapes around it, resembling confetti or streamer ends.

**We saw chances,
but we also saw challenges in this new era.**

Social Media Challenges

蘋果即時

我要訂閱 搜尋

最新 焦點 熱門 娛樂時尚 社會 生活 國際 政治 專題 微視頻 財經地產 3C車市 吃喝玩樂 體育 火線 爆料 蘋評理

【獨家】超變態！淫保全疑逼少女吞精 隨身碟竟存「應徵性奴隸」檔

出版時間：2020/09/11 17:44 更新時間：2020/09/11 17:49

Facebook Twitter Email

最Hot

小鬼猝死 | 檢察官「解剖初判心血管問題」 父親忍淚搭車離開板橋

小鬼猝逝 | 遺體解剖創口大 修復師估要4小時恢復生前模樣

Source: 蘋果新聞網 2020/9/11

Social Media Challenges



白香果 ● ●【爆廢公社】 ●

15分鐘 · 圖

★記者媒體需要大家重視🌟

🌟需要正義使者出來聲援🌟

✗你們校長、官員都互相掩護拜託大家重視一下。

南投縣XX高中目前高三的「**●●●**同學」，在高一時強迫同班女同學幫他「口交」及「性交」，還拍照威脅此女同學，
《這位女同學是弱勢家庭》

但「**●●●**同學」的爸爸是警察

「**●●●**同學還威脅女同學說：「要叫他爸爸對她家人不利」

所以！女同學非常害怕恐懼而被「**●●●**同學」多次性侵並拍下照片。

「**●●●**同學」更拿這些照片給很多同學看，到處炫耀分享！
學校在「**●●●**同學」高二時發現這件事竟然沒有將加害者與受害者分開！

繼續讓他們同班，被害的女同學除了活在恐懼中更是受到同學們異樣眼光，直到現在升高三才把「**●●●**同學」調至隔壁班。或許是受害者家庭是弱勢！

或許是學校要維護名聲！

輔導老師們都極力袒護「**●●●**同學」，真的是沒天理啊！

XX高中有位體育老師跟國中部女同學交往，今年6月時被女同學家長發現，學校馬上不讓這位老師來學校上課！同樣的道理，學校也應該不要再讓「**●●●**同學」來學校啊！應該要直接把「**●●●**同學」退學才對啊。

#被害弱勢家庭有去草屯中正派出所報案提告，但警察知道加害人是同仁的小孩，都偏袒護短！

#口交照片是當時「**●●●**同學」分享炫耀的其中一張照片，

Social Media Challenges



The image is a screenshot of a Facebook post. At the top left, there is a profile picture of a woman and the name 'Charles Lifshitz' with the timestamp '8月30日下午9:09'. The post content is in Chinese and discusses a soccer match and a scandal involving a female officer. On the right side, there is a language selection menu with options for Chinese (Taiwan), English (US), Spanish, Portuguese (Brazil), and French. Below the language menu are links for privacy policy, terms of use, ads, and cookies. At the bottom right, there is a chat icon and the text '聊天室(133)'. The URL at the bottom of the screenshot is 'https://www.facebook.com/cchuweitw/posts/3186859084755312#'. The background of the slide features a stylized sun and speech bubbles.

Charles Lifshitz
8月30日下午9:09 · 🌐

求撥。

如果有踢皮球大賽，台灣警消一定拿第一啦。

「我不知道」
「沒有人向上報備」
「我不是那個意思」

好哦，啊我看起來像七月放出來的好兄弟不是人，是嗎？
我不就來跟你說了嗎？
這篇就開公開，歡迎轉發啦。

屏東分隊的隊員及幹部集體排擠同仁，傳了整個分隊都知道的謠言，分隊長都當眾點名抹黑了，小隊長還在我不知道，沒有人跟我說，我記得身體殘障聽不到，應該不能當消防員哦，你都當到小隊長了，我跟你說話，你還聽不到，小生頗為佩服呢！

還有用密錄器錄下女傷患胸部的影片，做成合輯，放在值班台的電腦，供大家瀏覽討論，什麼污穢的形容詞都說的出來，你們用密錄器的初衷是為了自保，應該不是為了錄下女傷患的身材，並且拿來討論的嘍，作為公職人員，這樣正確嗎？

如果妳是在去年10月底至11月初，曾在屏東環球百貨與屏東女中的路口發生車禍的女性，提醒妳，消防員錄下妳胸部的影片，並且在整個分隊傳播，所有隊員，通通有份，如果妳是，想提告，我願意當證人。

今天真是他媽的有夠糟糕的一天，感謝屏東分隊的踢皮球大法，讓我看清消防裡真是藏污納垢，什麼都有。

希望鄭小隊長說的檢討跟究責有如實做到，不然妨礙名譽這條，我告定了。

流言又開始滿天飛前，我要來澄清。

第一，密錄器的其中一個主人是義消，我有問他，為什麼要把影片做成這種合輯，他則表示，他只是例行性的把影片存進公務電腦，也不知道為什麼會被做成合輯。

第二，這是我親眼看見的，我之所以說這影片絕對不是普通的出動紀錄影片標題名稱就寫著「胸奴」，這意思就夠明顯了。

中文(台灣) · English (US) · Español · Português (Brasil) · Français (France) +

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聊天室(133) 🗨️ 👥 ⚙️

<https://www.facebook.com/cchuweitw/posts/3186859084755312#>

Social Media Challenges



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23 則推文



7,675 次觀看 0:30 / 0:33

台灣網紅影片合成(私付費加入【拒絕免費仔】只接受bank匯... · 9月3日
台灣網紅合輯 AI換臉試看,免費預覽

有人敲碗試看太短不夠看,今天呢
就一次讓大家看我們的大量作品 😊

付費400入群,讓我們來滿足你所有幻想 😊
抱歉了丁丁,但你真的需要這個酷東西

城門地址: [REDACTED]



1.4萬 次觀看 0:00 / 1:16

6 20 184

搜尋 Twitter



你的流行趨勢

- 台灣 的流行趨勢 #Taiwan 9,846 推文
- 台灣 的流行趨勢 #China 4.32萬 推文
- 台灣 的流行趨勢 Taipei 2,405 推文
- 台灣 的流行趨勢 Asia 10.2萬 推文

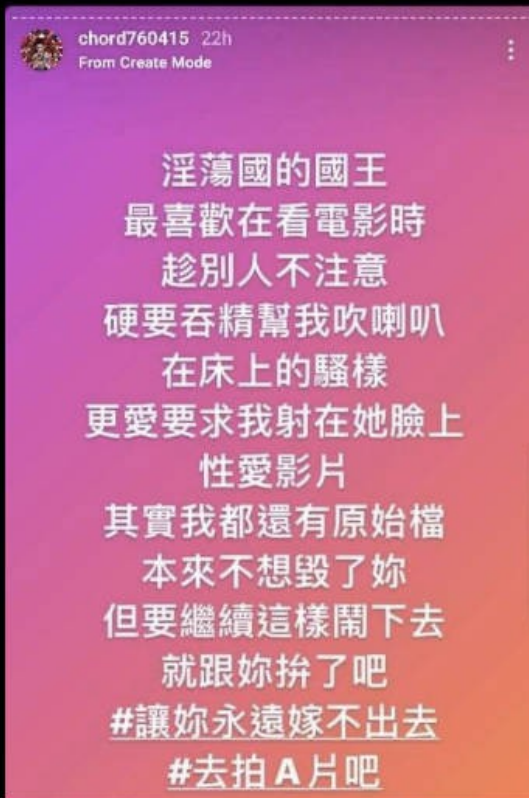
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訊息

Source: Twitter 台灣網紅影片合成

Social Media Challenges



呂秋遠

追蹤 · 9月8日 · 9

謝和弦的離婚私事，唯一的教育意義就是，以他現在的行為，除非他的配偶同意離婚，否則法院判決離婚的可能性非常低。還沒離婚，就高調向配偶以外之人求婚，在愛情上或許很偉大，但是在訴訟上，大概是很少見的自殺行為。不過，我不是要談這件事，而是要談一則他在網路上所發的限時動態：

「淫蕩國的國王，最喜歡在看電影時，趁別人不注意，硬要吞精幫我吹喇叭。在床上的騷樣，更愛要求我射在她臉上。性愛影片，其實我都還有原始檔，本來不想毀了妳，但要繼續這樣鬧下去，就跟妳拚了吧！讓妳永遠嫁不出去，去拍A片吧」

各位親愛的同胞，如果你看得懂中文字，請記得永遠不要跟親密的人一起拍親密影片，除非你能確定影片在自己手上，「絕對」「不可能」外流，即使電腦壞掉、手機毀損，維修的店員也不會偷走；即使分手，那個男人或女人也會很有風度的把影片銷毀。否則，絕對不要拍任何影片或照片。…… [更多](#)



留言.....



Social Media Challenges



Social Media Challenges

自由時報

Liberty Times Net

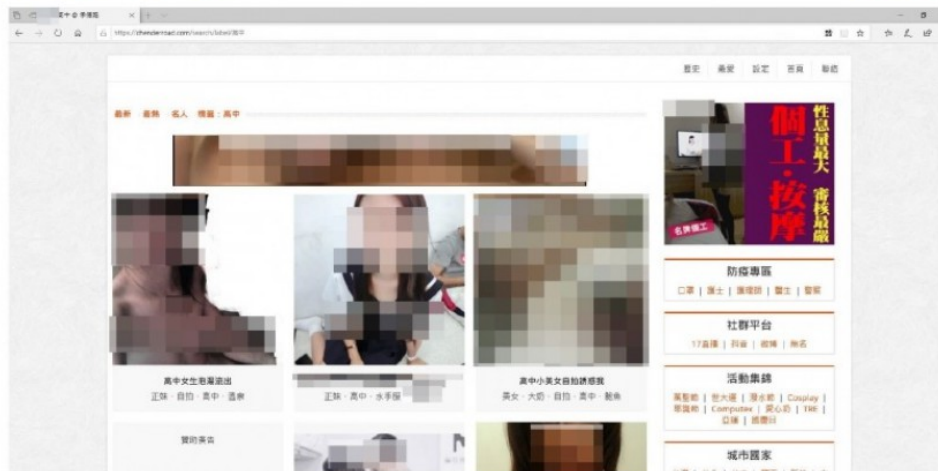
即時 熱門 政治 社會 生活 健康 國際 地方 蒐奇 影音 財經 娛樂 汽車
時尚 體育 3C 評論 玩咖 食譜 地產 專區 TAIPEI TIMES 求職

臺北市 26-34 °C



首頁 > 社會

被害少女遍布全台！散布百萬張色情影像 「國產老司機」被逮



高市刑大破獲色情網站，逮捕「國產色情老司機」王姓網頁設計師。（記者黃佳琳翻攝）

熱門新聞

1. 獨家》4小時達17批次！共機大舉侵擾 全台戰機接力升空警戒
2. 小鬼黃鴻升經紀人淚曝死因：主動脈剝離造成血管阻塞
3. 2工商大老缺席台美座談 沈榮欽：用行動表明選擇中國、拒絕美國
4. 海拔5千公尺高山如履平地 中印邊境神秘部隊曝光
5. 空軍少將喊女部屬「愛妃」「愛妾」還要親一個 判降一級改敘

熱門新訊

- 科技新貴最愛 高峰滙AI園區首排
- 打造幸福城市 失智友善讓新竹成為樂活安居好所在
- 擴大永續影響力！遠傳號召26家供應商廿組「達千永續生綠隊」

Source: 自由新聞網 2020/9/19

A decorative graphic on the left side of the slide features three balloons: a light green one at the top, a light blue one in the middle, and a light purple one at the bottom. Each balloon is attached to a thin, wavy streamer and has several small, yellow, triangular shapes radiating from it, resembling confetti or streamer tails.

**The above 7 events happen in the last 20 days.
The last one is today.**

A decorative graphic on the left side of the slide features three balloons in shades of green, blue, and purple, each with a streamer and several yellow triangular flags. The balloons are arranged vertically, with the green one at the top, the blue one in the middle, and the purple one at the bottom.

Social Media Challenges

- Revenge porns



Social Media Challenges

- Revenge porns
- Personal information leakage



Social Media Challenges

- Revenge porns
- Personal information leakage
- Gender-based bully




Social Media Challenges

- Revenge porns
- Personal information leakage
- Gender-based bully
- AI (artificial intelligence)


The slide features a decorative background on the left side with a light green balloon at the top, a light blue balloon in the middle, and a light purple balloon at the bottom. Yellow streamers and triangular shapes are scattered around the balloons. The title "Social Media Challenges" is written in a large, bold, teal serif font at the top right.

Social Media Challenges

- Revenge porns
- Personal information leakage
- Gender-based bully
- AI (artificial intelligence)
- ???

A decorative graphic on the left side of the slide features three balloons in shades of green, light blue, and purple. Each balloon is attached to a streamer and has several small yellow triangular shapes radiating from it, resembling confetti or streamer tails.

**We are standing on a new edge,
on a new wave that is yet to be defined.**

Three balloons are positioned on the left side of the slide. The top one is light green, the middle one is light blue, and the bottom one is light purple. Each balloon has a string and several small yellow triangular shapes around it, resembling streamers or confetti.

**New challenges emerge everyday.
Are we ready to fight?**



Thank you for listening