

# Insights from a recent workshop at ICTP

The Abdus Salam International Centre for Theoretical Physics, Trieste, Italy

## How to do a Scientific Presentation ?

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# Thanks to

- Prof.Elizabeth Simmons, Executive Vice Chancellor, University of California San Diego
- Prof. Shobhana NARASIMHAN JNCASR, India
- Agnese Bissi, High Energy Physics group, ICTP, Italy

# Career Development Workshop for Women in Physics



**6 - 10 November 2023**  
**An ICTP Meeting**  
**Trieste, Italy**

# WHO? - Audience

- Age- School students, College- UG/PG, Public
- Academic knowledge- Your domain/ others/ mixed group
- Language
- Outreach
- Cultural diversity – Local/ international/national
- Conference/ Workshops

# What ?

- Videos
- Audio- Podcast, radio, FM
- Long videos/ shorts/ insta reels/tiktok
- Writing – magazines, blogs, fb/linkedin posts/ charts, posters
- Fine arts – dance/ puppetry/ kolams
- Unconventional – any other?

# When ?

- First speaker/ Last speaker
- End of conference
- **Time allotted**
- Ad-hoc/ extempore

# CLEAR, CONCISE, COMPELLING

- School inspection, ISO Accreditation
- Teacher fellowship abroad
- Funding – National/international
- Conference selection
- Invited Talk - Resource person
- Parents/ students
- Research
- Teacher training
- Resource person

# Focus On

- Am I well prepared – It shows our commitment to work, Depth of Knowledge
- Am I well organised - suitable attire, smile, body language, confidence
- Am I understood?
- Slide color, content presentation
- Pictures with good resolution



## The Color Spectrum

- Isaac Newton was the first to make a systematic study of color. He did this by passing a narrow beam of sunlight through a triangular-shaped glass prism
- His method showed that sunlight is composed of a mixture of all the colors of the rainbow.
- This selection of colors is called a spectrum: red, orange, yellow, green, blue, and violet.

## 5 Great Productivity Apps



[ToDoist](#)  
Ultimate "to-do" list app



[Miro](#)  
Communication app for collaboration



[Toggl](#)  
Time tracker app



[Evernote](#)  
Organize and take notes

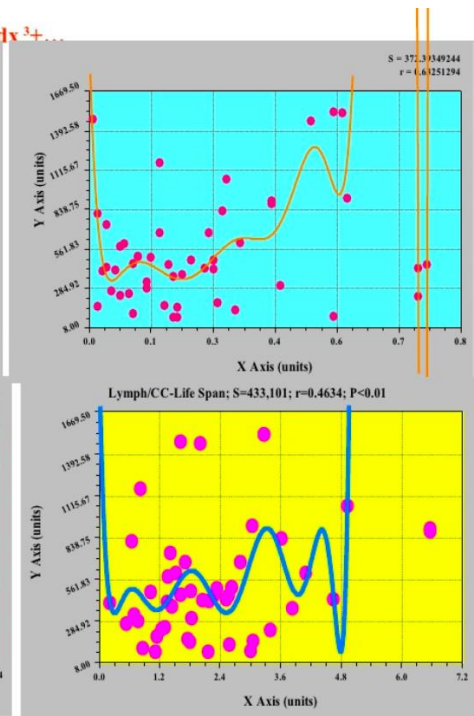
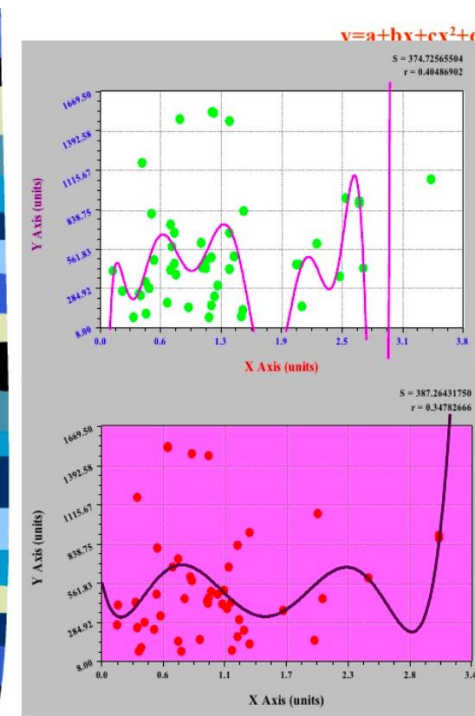
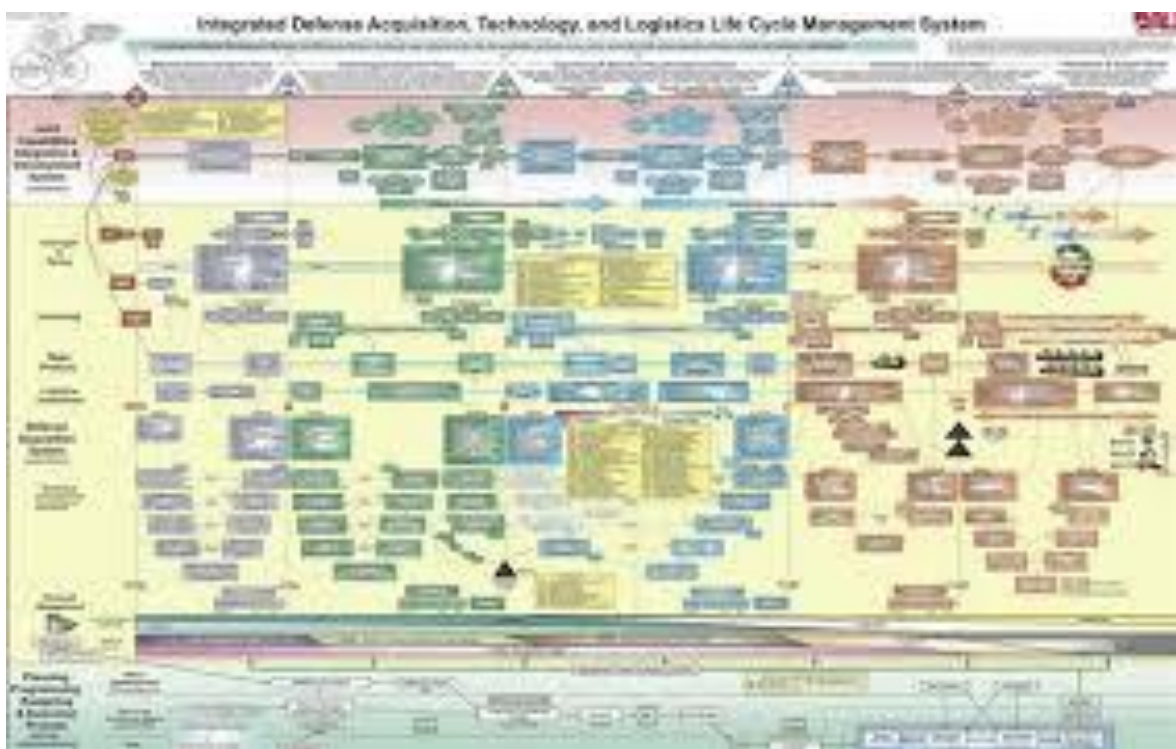


[Trello](#)  
Kanban board management app

## INTRODUCTION

Motor Car, any self-propelled vehicle with more than two wheels and a passenger compartment, capable of being steered by the operator for use on roads. The term is used more specifically to denote any such vehicle designed to carry a maximum of seven people.

The primary components of a car are the power plant, the power transmission, the running gear, and the control system. These constitute the chassis, on which the body is mounted. The power plant includes the engine and its fuel, the carburettor, ignition, lubrication, and cooling systems, and the starter motor.



## US Wireless Market – Q2 2010 Update

### Executive Summary

The US wireless data market grew 6% Q/Q and 26% Y/Y to exceed \$15.2B in mobile data service revenue in Q2 2010 – on track so far to meet our initial estimate of \$15B for the year.

Using narrowly edged NTT DoCoMo's last quarter for the first time, Verizon Wireless continued to maintain its number one position for the 11th quarter in terms of the operator with the most mobile data revenues through the difference was thinner than the month's momentum. The total wireless connections for Verizon were almost equal with AT&T being the traditional subscriber base. Rest of the 3rd US operators also maintained leading positions amongst the top 10 global mobile data operators.

Spurred by the first positive net-add quarter in 3 years and two consecutive and steadily falling the chip prices, T-Mobile did better on the postpaid market but overall additions declined again. The larger quarters for the market is if a large players not any competitive. Generally, the market is hot, but there are different lines and there are a number of permutations and combinations that are possible.

The US subscription penetration crossed 95% at the end of Q2 2010. If we take out the demographics of 5 yrs and younger, the mobile penetration is now past 90%. While the traditional sub adults have been showing the "connected device" segment keeping up as much that both AT&T and Verizon added more connected devices than postpaid adds in Q2 2010. Given the slow postpaid growth, operators are heavily competing in prepaid, enterprise, unconnected devices, and M2M segments.

Data traffic continued to increase across all networks. By Q2 2010, the average US operator was connecting approximately 170 MB/sec up 20% in 6 months. US has become second line for mobile broadband consumption and data traffic management evolution. While Japan and Korea is 3G penetration by a distance, due to higher penetration of smartphones and networks, the consumption is much higher than its Asian counterparts. Given that it is accelerating the largest deployment base for HSPA+ and LTE, most of the ratings edge growth in terms of data management and consumption with online, entertainment, education, and business applications in addition to the

# Avoid

- Jargons
- Too much information
- Too many message in a slide
- Slide full of text/ graph/pictures - Over populated slides
- Too many animations- Distract & software may not be available to play them
- Too many colours
- Bad fonts
- Confusing background

# Tips

- Remove what YOU do not know
  - Keep things simple
  - Engage your audience – good body language
  - Presentation that can be stopped in between
  - Reusable slides
- 
- Team work – Create a presentation on given topic, present, Review

Thank U