

# From Physics to Data Science

Sebastiana Rita Gianì  
Data Scientist at BTData – BTO Group

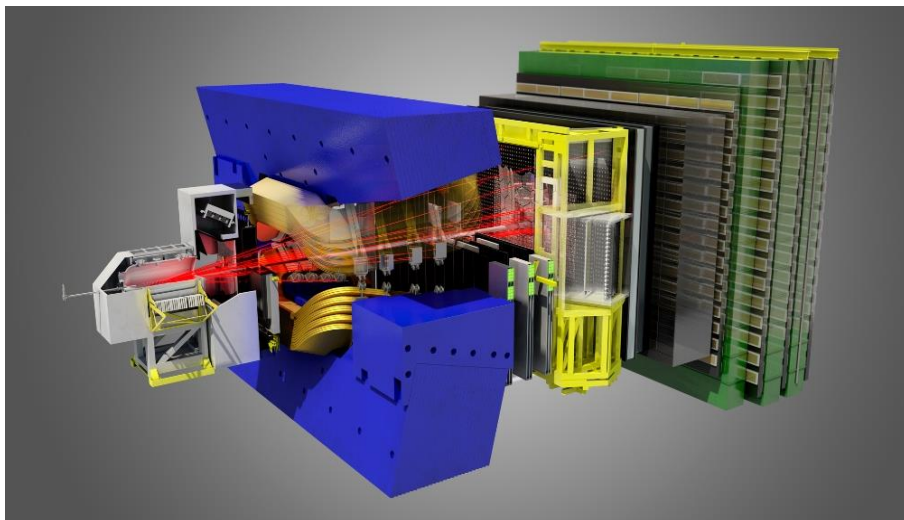
# Career in Physics

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- 2012 : Master Degree in Physics , University of Catania
- 2012 – 2013: University of Catania – INFN
- 2013 – 2017: CERN – EPFL , PhD student
- 2017: PhD in Physics , EPFL, Lausanne



## My work at CERN:



I mainly worked in DATA ANALYSIS (Charmless B – B<sub>s</sub> decays) but also:

- DETECTOR R&D
- TRIGGER
- OUTREACH ACTIVITIES

# Move-out process

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*The idea came up during the last period of my PhD...*

- Attending courses/seminars on career change
- Attending dedicated job fairs and networking events
- Talking with former colleagues



After some research and reflection, Data science field appeared the most attractive to me for a career change.

*But not an already taken decision...*

- Still I applied for PostDoc position

So when I ended up with offers for a very interesting position as a PostDoc and an interesting and challenging job in a new field, it was an hard decision to make...



# What now ?

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- December 2017 – current : Data Scientist at **BTData – BTO group**
- Working on several projects (for customers, internal)



## PROJECTS I HAVE WORKED SO FAR...

- Sentiment analysis on social media and dedicated blog on specific topics/brand
- Design and development of computer vision pipeline for recognition system
- Predictive Maintenance analysis
- Predictive modeling for detecting Out-of-Stock (retailing industry)

Data science is many things and I learned most of them during my period at CERN. Of course this is not enough! On the other hand, the main skills you get doing research are the ability to learn new things and challenge yourself, aren't they?