



# **BIG DIVE**

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**JUNE 19th - JULY 21st, 2017**

**Torino, ITALY**

< 6TH EDITION />

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[WWW.BIGDIVE.EU](http://WWW.BIGDIVE.EU)

[#BIGDIVE6](https://twitter.com/BIGDIVE6)

For questions or more information, contact us at [info.bigdive@top-ix.org](mailto:info.bigdive@top-ix.org)

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After years of hype around the BIG DATA word, recent trends are showing the most effective and concrete value hidden within the data as well as tangible and practical use-cases.

AI - Artificial intelligence is exploding as the new disruptive technology needed to win in the future. However, on a closer inspection, AI is definitely not a new concept. What is really new is actually the huge amount of data that enables Deep Learning Neural Networks as well as Machine Learning algorithms to “be trained” like never before.

Similarly, we are getting used to talk to robots in our messaging applications. Once again, “chatbot” technology is definitely not “rocket science” but it takes advantage of NLP (Natural Language Processing) recent improvements based, again, on gigantic data sources coming from online conversations, social networks and digital text

## **The training program designed to boost the technical skills needed to dive into the BIG DATA universe, to extract value and to create social and economic impact.**

analysed with modern data-science approach.

And these are just a few examples: we expect further progresses in the field of Data Visualization, maybe leveraging new 360° and immersive technologies, as well as in Data-Driven Policy-Making and agent-based model simulations.

In this dynamic framework, full of uncertainty and where today's discoveries destroy the beliefs of the past, the ingredients of the recipe of success are still the same:

- / An immersive Data Culture
- / Strong scientific validation
- / An open agile approach

/ Solid inter-disciplinary contamination

/ Team perspective (vs solitary work)

/ A bits-on & hands-on state of mind that leverages the learn-by-doing through real data and real challenges

**All these facts are the reason why, after 5 successful editions, BIG DIVE is still an effective opportunity and a valuable chance for wanna-be data scientists, data-driven developers and data-driven designers.**

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## BIG DIVE 6 in a nutshell

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### WHAT

BIG DIVE aims at training data scientists.

A street-fighting gym where high value datasets are the raw material in the hands of a group of ambitious smart geeks tutored and mentored by experts in three key areas: **Development, Visualization and Data Science.**

Our goal is not to “create” utopian multidisciplinary professionals but to provide a complete overview of the BIG DATA value chain, from data to impact, and to simulate a real data-team workgroup.

### WHEN / WHERE

/ Lessons starting date:

**June 19th, 2017.**

/ Course closing date:

**July 21st, 2017.**

/ **5 weeks** full-time in Turin, ITALY.

/ Class time is **from 9:30 am to 4:30 pm**, roughly.

### WHY TO CHOOSE BIG DIVE

/ 3 main cross-disciplinary study paths.

/ Light overview on business, legal and open-innovation topics.

/ **Special lecture and events** with national/international experts.

/ **High value datasets.**

/ A final public exhibition of projects and a certificate of participation.

/ A deep “private” session between data-sponsors and teams.

/ An Open-Lean-Agile approach;

/ Solid employment opportunities.

/ A growing community.

### OUR TRACK RECORD

/ **+100 people** trained.

/ **5 open editions + 1 corporate custom edition** in the financial sector.

/ Amazon Web Services, BasicNet, Cerved, Cloudera, Deltatre, Palantir Technology, Politecnico di Torino, Seeweb, SellaLab, Telecom Italia, Tierr, 10Gen, a trusted the course and supported BIG DIVE as sponsors or data providers!

/ **Great international participation:** about 5 different nationalities in each class.

/ Impressive employment rate.

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## Are you ready to be a DIVER?

We are looking for:

/ Hackers and designers skilled in coding

/ Wannabe data scientists

/ Scientific researchers and students

/ Postdocs or PhDs focused on BIG DATA, data science, complexity and other related scientific programs.

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## BIG DIVE 6 Standard Pricing

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### Regular

**€ 1,200** - Early price  
**€ 1,500** - Standard price

### Non-profit

**€ 1,000** - Early price  
**€ 1,300** - Standard price

With proof of full time employment at a non-profit organization and verification of non-profit status.

### Student

**€ 700** - Early price  
**€ 900** - Standard price

With proof of full-time student status at the time of application (University ID).

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### INCLUDED

/ Access to all lessons / Access to alumni network / BIG DIVE gadgets / Access to all teaching materials / Access to all special events

### NOT INCLUDED

/ Accommodation / Local transportation / Food & meals

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## Data Sponsorship Opportunities

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### Large Corporate

#### Data Sponsor

**We ask: 4.500€** + BIG datasets linked to practical problems/challenges that will be used by the students to develop their final projects (agreement on how to use data will be discussed and defined) + To share event information and press releases on your website, social channels and mailing list + A practical support to the students as regards the

dataset-exploration.

**We provide:** Your logo will be featured on the course website and all other promotional materials as official **DATA SPONSOR** + Invitation to the final exhibition and mention + Entitlement to share promotional and informative material during the program and events (printing costs at your expense)

+ Entitlement to access project output (results, code and documentation) produced by DIVERS upon your datasets and to share it internally or publicly by mentioning the BIG DIVE initiative and authors + Access to the student mailing list + Fast track to interview and offer job opportunities to Divers.

### Start-up & SME

#### Data Sponsor

**We ask: € 2,500** + BIG datasets and practical problems/challenges that will be used by the students to develop their final projects (agreement on how to use data will be discussed and defined) + To share event information and press releases on your website, social channels and mailing list + A practical support to the students in the dataset-exploration.

**We provide:** Your logo will be featured on the course website and all other promotional materials as official **DATA SPONSOR** + Invitation to the final exhibition and mention + Entitlement to share promotional and informative material during the program and events (printing costs at your expense) + Entitlement to access project output (results,

code and documentation) produced by DIVERS upon your datasets and to share it internally or publicly by mentioning the BIG DIVE initiative and authors + Access to the student mailing list + Fast track to interview and offer job opportunities to Divers.

## Data-Free Sponsorship & Partnership Opportunities

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### Gold Sponsor

**We ask: € 4,000** + To share event information and press releases on your website, social channels and mailing list.

**We provide:** Your logo will be featured on the course website and all other promotional materials as official **GOLD SPONSOR** + Invitation to the final exhibition and mention + Entitlement to share promotional and informative material during the program and events (printing costs at your expense) + Entitlement to give a speech during the course or during the closing event + Access to the Divers mailing list.

### Silver Sponsor

**We ask: € 2,000** + To share event information and press releases on your website, social channels and mailing list.

**We provide:** Your logo will be featured on the course website and all other promotional materials as official **SILVER SPONSOR** + Invitation to the final exhibition and mention.

### Tech, Media Partners and Patronages

Tech support, media and communication support as well as prestigious patronages are strongly welcome!

All the BIG DIVE stakeholder logos will be featured on the course website and a representative will be invited to the closing event. Our community wants to grow!

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## Organizers & Partners

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A project by



In collaboration with



Technical Partners



Centro Nexa su Internet & Società  
Politecnico di Torino | DAUIN



Media Partner



With a patronage of



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Laboratorio Interdipartimentale



POLITECNICO  
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