BrainHack Lucca
Held at IMT School for Advanced Studies Lucca
San Francesco Complex

What is the Brainhack?
Brainhack is a unique event format that convenes researchers from across the globe and a myriad of disciplines to work together on innovative projects related to neuroscience.

Scan the QR CODE if you want to learn more and following areas
- Programming
- Computer Science
- Neurobiology
- Neuroscience
- Psychology
- Critical thinking
- Artificial Intelligence
- Networking between researchers
- Open Science

BrainHack Lucca website: https://brainhacklucca.github.io/index.html
Follow us on Twitter and Instagram: @BrainHackLucca
For more info: brainhacklucca@imtlucca.it
**BrainHack Lucca**

Held at IMT School for Advanced Studies Lucca

4th - 7th of December 2023

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**04/12/2023**

Cappella Guinigi

**09:00 AM**

**REGISTRATION AND BREAKFAST**

Badges at IMT school and coffee at ‘La Pecora Nera’

**09:45 AM**

**INTRODUCTION TO BRAINHACK - MATHIEU GILSON, DAVID MEUNIER, RUGGERO BASANISI**

Joint introduction to BrainHack Marseille and Lucca

**10:00 AM**

**TRAINING SESSION 1 - JULIEN CAUGANT**

Python basics

**11:30 AM**

**TRAINING SESSION 2 - CEDRE TEAM**

Jupyter Notebook

**12:15 AM**

**TRAINING SESSION 3 - CEDRE TEAM**

AI tools for machine learning

**13:00 PM**

**LUNCH BREAK**

Lunch will be served at ‘Marameo’

**14:00 PM**

**SHARING EXPERTISE - RUGGERO BASANISI (LUCCA, IMT)**

How to ‘Git’ on with a clean code

**14:40 PM**

**SHARING EXPERTISE - MARMADUKE WOODMAN (AMU, INS), MANUEL MERCIER (AMU, INS) & JULIEN LEFEVRE (AMU, INT)**

Green session and round table

**15:20 PM**

**COFFEE BREAK**

Coffee Break will be served at ‘La Pecora Nera’

**15:50 PM**

**SHARING EXPERTISE - FELIX HOFFSTAEDTER (JULICH, BABS)**

Open-source projects

**16:30 PM**

**SHARING EXPERTISE - JULIEN COHEN-ADAD (MONTREAL, POLYTECH)**

Open-source projects

**17:10 PM**

**PROJECTS PITCHES - PROJECTS LEADERS**

Short projects presentations between Marseille and Lucca

**18:00 PM**

**SOCIAL NIGHT EVENT - ALL THE BRAINHACKERS**

The social night event will be hosted in IMT school

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**05/12/2023**

Aula 1, aula 2, aula della Botte, Sagrestia

**09:00 AM**

**BREAKFAST**

Breakfast will be served at ‘La Pecora Nera’

**09:30 AM**

**HACKING SESSION - WORKING GROUPS**

Collective work on projects!

**13:00 AM**

**LUNCH BREAK**

Lunch will be served at ‘Marameo’

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**06/12/2023**

Aula 1, aula 2, aula della Botte, Sagrestia

**09:00 AM**

**BREAKFAST**

Breakfast will be served at ‘La Pecora Nera’

**09:30 AM**

**HACKING SESSION - WORKING GROUPS**

Collective work on projects!

**13:00 AM**

**LUNCH BREAK**

Lunch will be served at ‘Marameo’

**14:30 AM**

**HACKING SESSION - GROUP WORK**

Collective work on projects!

**16:30 PM**

**COFFEE BREAK**

Coffee Break will be served at ‘La Pecora Nera’

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**07/12/2023**

Aula 1, aula 2, aula della Botte, Sagrestia

**09:00 AM**

**BREAKFAST**

Breakfast will be served at ‘La Pecora Nera’

**09:30 AM**

**HACKING SESSION - GROUP WORK**

Collective work on projects!

**13:00 AM**

**LUNCH BREAK**

Lunch will be served at ‘Marameo’

**14:30 AM**

**HACKING SESSION - GROUP WORK**

The last straight line!

**16:30 PM**

**COFFEE BREAK**

Coffee Break will be served at ‘La Pecora Nera’

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Cappella Guinigi

**BRAINHACK LUCCA WRAPUP - PROJECTS LEADERS**

Presentation of the results of BrainHack Lucca projects.