

## PARENCHIMA – Algorithms Integration Training Workshop

We are pleased to invite you to the Algorithms Integration Training Workshop held on March 12 and 13 in Valencia. The training will consist of a block of theoretical lessons followed by a guided hands-on. We will provide a sample algorithm to be integrated in the Quibim Precision® platform. If anyone is interested in integrating their own developed algorithms, feel free to bring it with. To register contact [WG2 leads](#) or register [here](#). Do not hesitate to contact local organizers at [contact@quibim.com](mailto:contact@quibim.com) or WG2 leads for any concern you may have.

### **AGENDA:**

#### **Day 1 (March 12<sup>th</sup>)**

9:00 – 9:20	Welcome and introduction	Ángel Alberich
9:20 – 10:00	Explanation on platform architecture	Rafael Hernández
10:00 – 11:00	Explanation on plug-ins integration methodology	Fabio García
11:00 – 12:00	Explanation on the integration of AI segmentation plugins using TensorFlow and Keras	Ana Jiménez & Rafael López
12:30 – 15:00	Masclatà and Lunch	
15:00 – 16:30	Integration tools: <ol style="list-style-type: none"> <li>1. How to version control your code? Use Git (Github, GitLab, ...)</li> <li>2. Improve integration and reproducibility, introduction to Docker containers</li> <li>3. Register and share a new algorithm on Quibim Precision® platform</li> <li>4. Handle incidences and update your algorithm</li> </ol>	Rafael Hernández & Ismael González
16:30-17:00	Coffee Break	
17:00 – 17:45	Integration DEMO on MATLAB	Fabio García
17:45 – 18:30	Integration DEMO on PYTHON	Ana Jiménez
18:30 – 20:30	Free time	
20:30	Dinner at Mas Blayet	

## Day 2 (March 13<sup>th</sup>)

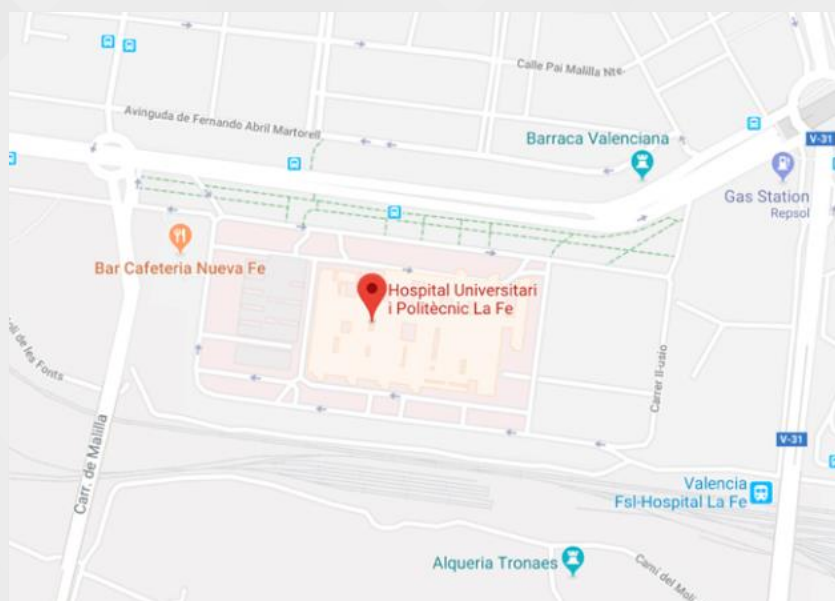
**Don't forget to bring your own PC!**

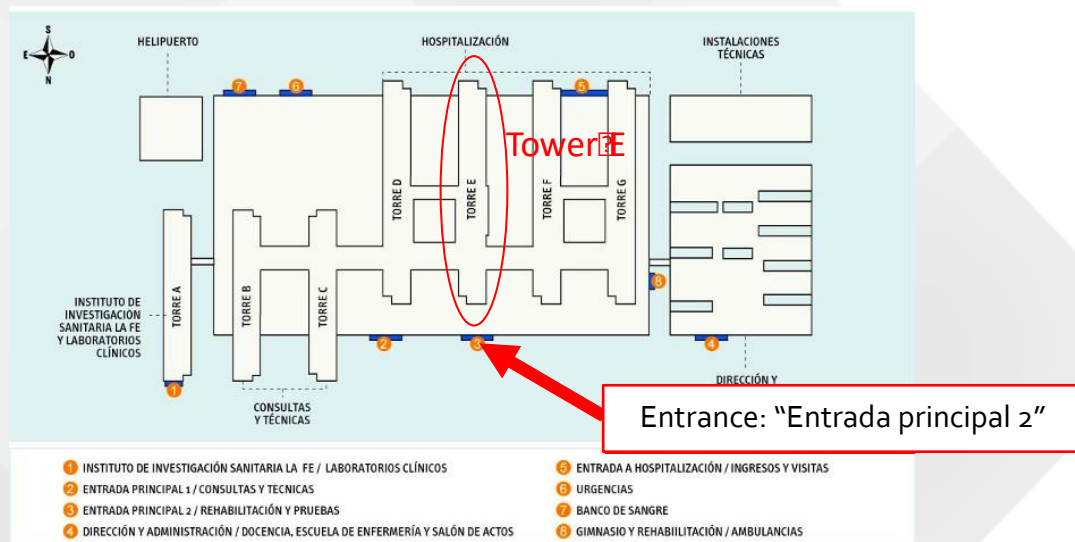
9:00 – 9:15	Day 1 Refreshment	Ángel Alberich
9:15 – 10:45	Guided Hands-on: Integrate a sample algorithm I	Ana Jiménez & Rafael López
10:45 – 11:15	Coffee Break	
11:15 – 12:45	Guided Hands-on: Integrate a sample algorithm II	Ana Jiménez & Rafael López
12:45 – 14:00	Lunch at HU La Fe	
14:00 – 15:00	Visit at HU La Fe	
15:00 – 16:30	Guided Hands-on: Integrate a sample algorithm III	Ana Jiménez & Rafael López
16:30 – 17:30	Conclusion: Share what you have learnt	

### VENUE

Classroom, Tower A, Ground floor o, La Fe Health Research Institute. Phone in case of lost people: +34 689979934.

**Meeting point: “Entrada principal 2”.**





## HOW TO GET FROM THE AIRPORT

- To the venue or hotels:



Metro lines do not arrive to the venue or suggested hotels. The best option to get there is to take a taxi.

TAXI (15 min) 20 € aprox.

- To downtown:



METRO (11 stops – 35 min):

- Line 3 or 5: **From Aeroport To Xàtiva (City Center)**

## LIST OF RECOMMENDED HOTELS

Hotel name	Address	Booking URL	Time to venue
Illunion Aqua 3	C. de Luis García-Berlanga Martí, 19-21, 46023 Valencia	<a href="http://www.booking.com/Share-NTWMfZ">http://www.booking.com/Share-NTWMfZ</a>	10 min Taxi or Bus
Illunion Aqua 4	C. de Luis García-Berlanga Martí, 19-21, 46023 Valencia	<a href="http://www.booking.com/Share-WSRnBo">http://www.booking.com/Share-WSRnBo</a>	10 min Taxi or Bus
SH Valencia Palace	Paseo de la Alameda 32, 46023, Valencia.	<a href="http://www.booking.com/Share-FEk9mW">http://www.booking.com/Share-FEk9mW</a>	15 min Taxi or Bus
B&B Hotel Valencia Ciudad de las Ciencias.	Av. D'Ausiàs March, 99, 46013, Valencia.	<a href="http://www.booking.com/Share-t3k2cp">http://www.booking.com/Share-t3k2cp</a>	Walking distance
Hotel Malcom and Barret	Av. D'Ausiàs March, 59, 46013 Valencia.	<a href="http://www.booking.com/Share-SAGz40">http://www.booking.com/Share-SAGz40</a>	Walking distance

## ACKNOWLEDGEMENT

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Parenchima homepage: [www.renalmri.org](http://www.renalmri.org)