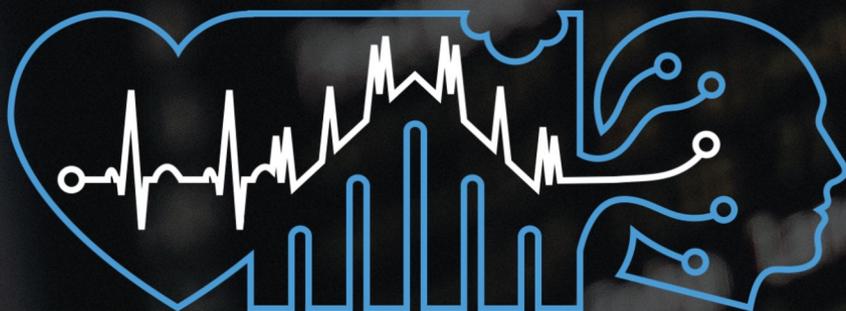


Milan 1-3 February 2019



## Milan Critical Care Datathon and ESICM's Big Datatalk

[dat-icm-milan.com](http://dat-icm-milan.com) // Hackathon+Conference

Advancing  
Intensive  
Care  
Medicine  
with  
Artificial  
Intelligence

### Why Artificial Intelligence and Intensive Care Medicine?

The diffusion of electronic health records and advancement of monitoring devices has made possible the collection of always increasing amounts of patients' data, especially in critical care. The opportunities arising from this form of Big Data are numerous and diverse, and are promoting a surge in research fundings and industry interests. Indeed, their analysis with machine learning and predictive modelling could provide new insights and improve patient care.

### What is a Critical Care Datathon?

A Critical Care Datathon is a 24-hour challenge where clinicians, data scientists and statisticians work in teams with the goal of finding new ways to answer actual clinical questions using large datasets of electronic health records. It is a full-immersion experience where resourceful professionals put themselves to the test and cooperate with specialists of different fields, learn more about the potential of medical data and maybe make a breakthrough in critical care research!

### How is this different?

After London, Boston, Singapore, Madrid and Paris (and many more!), the MIT Critical Care Datathon finally lands in Milan, the first ever in Italy. There's more: complementary to the competition, the event will feature ESICM's Big Datatalk with seminars and interactive sessions for all those who wish to know more but don't quite feel like putting themselves to the test. Our goal is to raise awareness and promote cross-disciplinary collaboration!

### What is the Big Datatalk?

The Big Datatalk consists in a series of traditional conference talks mixed with interactive sessions in which the audience will be guided through real-time simulations of patient database queries and development of predictive models. Acclaimed researchers will explain the potential of Big Data analysis for Intensive Care Medicine, present results obtained so far with this form of research and discuss issues of sensible data security, privacy, and quality.

Registrations are now open! Visit [dat-icm-milan.com/register/](http://dat-icm-milan.com/register/)

The event will take place over a weekend, the 1-2-3 February 2019 at Humanitas Congress Center in Via Manzoni 56, Rozzano, Milan. The event will be held in english. For info contact [info@dat-icm-milan.com](mailto:info@dat-icm-milan.com).

Learn more about the Critical Care Datathon and the Big Datatalk on [dat-icm-milan.com](http://dat-icm-milan.com)



The Intensive Connection



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