



UNIVERSITÀ DEGLI STUDI DI TORINO



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DIPARTIMENTO DI INFORMATICA



# DEEPHEALTH PIEDMONT BRANCH THE CLINICAL EXPERIENCE

## ➤ Scientific Coordinators:

Prof. Paolo FONIO

Dott. Marco GROSSO

**MARCH 4 2022**

**WEBINAR**

## ➤ C.M.E.:

PHYSICIAN

RADIOGRAPHER

PHARMACIST

PHYSICIST

**CONTINUING MEDICAL EDUCATION :**

Provider University of Turin

Italian Ministry of Health – cod.173-341048

**6 C.M.E. Credits**

## ➤ Registration:

Participation is free of charge

For registration click on:

[www.dam.unito/eventiecm/](http://www.dam.unito/eventiecm/)

click “Eventi”, and click on “DEEPHEALTH PIEDMONT BRANCH THE CLINICAL EXPERIENCE” and fill the form.

## ➤ Organizing secretariat:

Università degli Studi di Torino

C.M.E. Staff

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## ➤ Faculty:

Mauro	BERGUI	Marco	GRANGETTO
Luca	BERTERO	Giorgio	LIMERUTTI
Claudio	BERZOVINI	Daniele	PERLO
Paolo	FONIO	Stefano	TIBALDI
Umberto	GAVA		

## ➤ Program:

**MARCH 4, 2022**

- 8.30 – 9.00 Workshop Introduction  
*Marco Grangetto, Paolo Fonio, Giorgio Limerutti*
- 9.00 – 9.20 The magic and threats of machine learning from biomedical data  
*Marco Grangetto*
- 9.20 – 9.40 Deephealth: an EU effort to boost biomedical image analysis with Deep Learning  
*Daniele Perlo*
- 9.40 – 10.00 From hematoxylin & eosin to pixels: digital pathology and deep learning for colon cancer diagnosis  
*Luca Bertero*
- 10.00 – 10.20 Neural network-derived perfusion maps: a model-free approach to computed tomography perfusion in patients with acute ischemic stroke  
*Umberto Gava*
- 10.20 – 11.00 Neuropathology of neural network  
*Mauro Bergui*
- 11.00 – 11.15 **BREAK**
- 11.15 – 11.35 Lung nodules A.I. detection: clinical impact  
*Claudio Berzovini*
- 11.15 – 11.35 Lung nodules A.I. detection: technical approach  
*Stefano Tibaldi*
- 11.45 – 12.45 Discussion – Lesson learned from Deep Learning in Medical Imaging  
*Speakers: Mauro Bergui, Luca Bertero, Claudio Berzovini, Paolo Fonio, Umberto Gava, Marco Grangetto, Giorgio Limerutti, Daniele Perlo, Stefano Tibaldi*
- 12.45 – 13.00 **C.M. E. TEST**