

Main Degree or Qualification, Diploma and Certificated held

Degree or Diploma: _____

Most recent employment

Employer: _____

Position held: _____

How and where did you hear about this course?

Intended source

Self Financing Sponsor

Signed: _____

Date: _____

Contact Addresses

If you need further details on the course please contact:

Emanuela Ciliberto, Unit of Cancer Epidemiology,
Department of Medical Sciences, University of
Turin, Via Santena, 7 – 10126 Torino
Phone +39 011 6334661
emanuela.ciliberto@unito.it

Scientific Coordinators:

Rino Bellocco, Sc.D

(University of Milano-Bicocca , Karolinska Institutet)

Lorenzo Richiardi, Ph.D

(University of Turin)

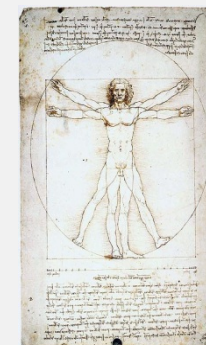
Course homepage: <http://www.causal.altervista.org>

**Location: Department of Statistics and
Quantitative Methods, University of Milano-
Bicocca, Milano.**

Promotion

The course is promoted by the Italian Society of
Medical Statistics and Clinical Epidemiology
(SISMEC) together with the Department of
Statistics and Quantitative Methods, University of
Milano-Bicocca and the Department of Medical
Sciences, University of Turin

SISMEC Working Group on Causal Inference



A short course on concepts and methods in Causal Inference

VII Edition

Milan (Italy), 17-19 December 2018

Faculty:

Rino Bellocco	University of Milano-Bicocca Karolinska Institutet
Costanta Pizzi Lorenzo Richiardi	University of Turin University of Turin
Laura Pazzagli Arvid Sjolander	Karolinska Institutet Karolinska Institutet

GOALS AND RATIONALE

Causal inferences play a predominant role in science. In epidemiology, the goal and the ambition of the most part of the researchers is to determine an unbiased estimate of the effect of being exposed to a given risk factor on a well defined outcome (disease, death). In recent years, there have been important statistical developments that go beyond the traditional multivariable regression techniques.

Aims of this course are to discuss the current state of the art with respect to these issues, while retaining a practical focus and to assess our current and future abilities to address effectively cause-and-effect questions.

COURSE DESCRIPTION

17 December 2018 (9:15 - 17:30)

Basic concepts in epidemiology seen through causal inference and causal diagrams. Estimation of causal effects through standardization.

18 December – 9:00/17:00

Instrumental Variables.

19 December 2018 – 9:00/17:00

Causal estimation methods: Introduction to marginal structural models for fixed and time-varying confounders.

Teaching will be based on both formal lectures and computer/group sessions.

Teachers:

Rino Bellocco (University of Milano-Bicocca,
Karolinska Institutet)

Costanta Pizzi (University of Turin)

Lorenzo Richiardi (University of Turin)

Laura Pazzagli (Karolinska Institutet)

Arvid Sjolander (Karolinska Institutet)

WHO SHOULD APPLY?

Epidemiologists and statisticians with interest in epidemiology, or researchers with similar background. The course is thought at an introduction/intermediate level.

COURSE FEE AND APPLICATION

The total course fee is 250 €. Upon acceptance, payment details will be provided. The number of participants is limited to 25. For SISMEC members the reduced course fee is 150 €.

Applicants should complete the attached form and return it as soon as possible to:

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Department of Medical Sciences, University of
Turin

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Phone +39 011 6334661

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Payment details will be provided as soon as possible after the completion of the application form.

APPLICATION FORM

A short course on concepts and methods in Causal Inference.

Milan (Italy) 17 – 19 December 2018.

Emanuela Ciliberto emanuela.ciliberto@unito.it

Please use block capitals

Surname: _____

Forename(s): _____

Title: _____ Male Female

SISMEC member

Date of Birth: _____

Nationality: _____

Country of Residence: _____

Address for correspondence: _____

Postcode: _____

Daytime Telephone No: _____

Mobile No: _____

E-mail address: _____
