# SUMMER SCHOOL ON AI AND LAW 2019

Provisional Programme

Date: 8-10 July 2019

Place: Badia Fiesolana, Refectory

## ■ ABSTRACT

The Summer School on AI & Law, which will be held at the European University Institute in Florence, Italy, **from 8 to 10 July 2019**. The Summer School is jointly hosted by the **European University Institute** (Florence, Italy) and the **University of Pittsburgh School of Law** (U.S.A.). It is also sponsored by Cirsfid-University of Bologna (Italy), the University of Groningen (the Netherlands), The University of Konstanz, the University of Swansea and the European Academy of Legal Theory. This is the first edition of the summer school.

## ■ Organized in collaboration with

## ■ PROGRAMME

### Day 1, Monday 8 July (Refectory)

**8:30 – 9:00**    Registration

**9:00 – 10:30**    Session 1.1.1: Morning 1: History of AI and Law (Kevin Ashley)

**10:30 – 11:00**    **Coffee break, Retro Teatro**

**11:00 – 12:30**    Session 1.1.2: Knowledge-based systems for representing regulations (1) Theory (Giuseppe Contissa, Monica Palmirani, Giovanni Sartor)

**12:30 – 14:00**    **Lunch, Mensa, Badia**

**14:00 – 15:30**    Session 1.2.1 Knowledge-based systems for representing regulations (2) Hands-on experience (Giuseppe Contissa, Monica Palmirani, Giovanni Sartor)

**15:30 – 16:00**    **Coffee break, Retro Teatro**

**16:00 – 17:30**    Session 1.2.2: Models of legal argument: Case-based approaches (Kevin Ashley, Juliano Maranhao)


### Day 2, Tuesday 9 July (Refectory)

**9:00 – 10:30**    Session 2.1.1: Models of legal argument: Logical and integrated approaches (Henry Prakken)

**10:30 – 11:00**    **Coffee break, Retro Teatro**

**11:00 – 12:30**    Session 2.1.2: Evidential reasoning (Henry Prakken)

**12:30 – 14:00**    **Lunch, Mensa, Badia**

**14:00 – 16:00**    Session 2.2.1: Machine learning: introduction (Marco Lippi)

**15:60 – 16:30**    **Coffee break, Retro Teatro**

**16:30 – 18:00**    Session 2.2.2: Legal document analysis: Natural Legal Language Process (Arthur Dyevre)

## Day 3, Wednesday 10 July (Refectory)

**9:00 – 10:30**      Session 3.1.1: Information extraction, Document analysis and design (Adam Wyner)

**10:30 – 11:00**      **Coffee break, Retro Teatro**

**11:00 – 12:30**      Session 3.1.2: Network analysis (Guido Caldarelli)

**12:30 – 14:00**      **Lunch, Mensa, Badia**

**14:00 – 15:30**      Session 3.2.1: Predicting outcomes of cases (Kevin Ashley)

**15:30 – 16:00**      **Coffee break, Retro Teatro**

**16:00 – 18:00**      Session 3.2.2: Legal forecasting (Arthur Dyevre)

**18:00 – 18:30**      Closing Session. Certificates for attendance