



**DELTA PATENTS**

IP Advise and Training

**IP MASTER CLASS  
1-DAY  
COMPUTER-  
IMPLEMENTED  
INVENTIONS  
IN EUROPE AND THE US**

# DELTAPATENTS WELCOMES YOU

## Why DeltaPatents?

DeltaPatents is a **patent attorney firm** based in the Netherlands with a passion for quality. We provide the highest quality advice and service to companies at various stages of growth from start-up to Fortune 500. Our patent specialists have a deep technological knowledge and extensive industrial experience. Through our education activities, we stay ahead in terms of law changes, case law and procedural requirements.

We are proud to be a leading training organization for the **European Qualifying Examination (EQE)**. Our renowned courses can be followed throughout Europe. We offer a complete range of courses and high-quality training material for the EQE. The knowledge and experience gained during more than 15 years of EQE training provides a solid basis for our comprehensive range of training courses in different areas.

We offer **Continuing Education of Patent Attorneys** (e.g. patent law update course, a Unitary Patent course, and various IP master classes) across Europe.

For **R&D** (R&D managers, researchers, developers, inventors, entrepreneurs, IP management, IP coordinators and tech-transfer officers), we provide targeted IP tutorials and several workshops.

*“It was a pleasure to study with such a skilled and nice instructor”*

In 2006 we started **training IP support staff**, culminating in a full training program preparing for the official Dutch Formalities Officers exam. The training modules are now offered throughout Europe.

Our training focuses on giving insight and understanding, and ensuring that the acquired knowledge can be practically applied. Unique for DeltaPatents is that we thoroughly train and guide our tutors. For our tutors, training is a profession, mastered by teamwork and frequent involvement in courses. We take feedback of attendants seriously and act on it. For us, quality and customer satisfaction are essential.

Our **blogs** keep you up-to-date on the EQE, European case law, Patent procedures, Unitary Patent and Dutch IP News.





# IP MASTER CLASS

## PATENTING COMPUTER IMPLEMENTED INVENTIONS

### Objective

To provide participants with the information they need to successfully draft and prosecute software-related patent applications before the EPO and the USPTO or to successfully outsource software-related inventions. The course is aimed at beginning as well as experienced patent attorneys.

### Background

Software has become a major driver of technological innovation, and companies naturally seek to protect the technologies they develop in this field. Software is for example used in signal processing, such as audio/video processing and telecom, factory automation, precision engineering and robotics, health-tech, internet based systems, computer security, human interfaces, and automotive guidance systems.

Many software-related inventions are partly based on mathematical algorithms for analysing and/or processing data. Increasingly artificial intelligence is used.

However, patenting computer programs and mathematical methods per se is excluded in most systems. Consequently, patent applications relating to computer-implemented inventions have been given special treatment by the patent offices, and a substantial amount of case law has developed to draw the line between patentable and non-patentable subject matter.

### Who should attend?

All Patent Attorneys who wish to familiarise themselves with software-related patents. The course is ideally suited for participants who have a good working knowledge of the European Patent Convention (EPC).

*Very useful training which certainly raised my level of knowledge.*





## Key issues to be addressed

This 1-day course about patenting software-related inventions discusses the European and US patenting system. In particular, the relevant substantive patent law, case law and sections of the examination guidelines will be discussed.

In addition, emphasis will be given on drafting practices, e.g. how to draft claims to avoid objections, which categories/entities to claim, and how to deal with distributed systems.

### *Software patent applications*

- Introduction
  - What is a Computer Implemented Invention (CII)?
  - Typical examples
- Main patentability hurdles
  - EPO:
    - Art. 52(2), (3) ('as such not seen as a patentable invention')
    - Art. 56 ('Solving a technical problem', 'Technical contribution'), treatment of technical and non-technical features
    - Looking in more detail at artificial intelligence, mathematical algorithms and presentation of information
  - US: USC 35 101 ('Alice')
- Drafting best practices
  - Claims:
    - Ensuring single-party infringeability
    - Unity, multiple independent claims
  - Claim categories to consider
  - Claimed entities to consider
    - Method considerations
    - System/device considerations: stand-alone vs. distributed system/device
  - Ensuring sufficient feature level scope
    - Functional vs. structural
    - Hardware vs. software
  - Description:
    - Sufficient disclosure of invention
    - Algorithms and flow-charts
    - Structural support for functional features (USC 35 112f)
    - Test results

## Documentation

All participants will receive course material for personal use including all overhead sheets used during the course.



## Course location and dates

The course will be held on **Monday 24 June 2019** at the office of DeltaPatents in Eindhoven, Fellenoord 370, 5611 ZL Eindhoven.

## Course language

All material and tuition will be in English.

## Attendance limited to 20

A maximum of approximately 20 participants can take part in the course. This limitation will give the speaker the opportunity to discuss unclear issues in more detail and to answer any other questions.

## Certificate

All participants will receive a certificate after attending the course.

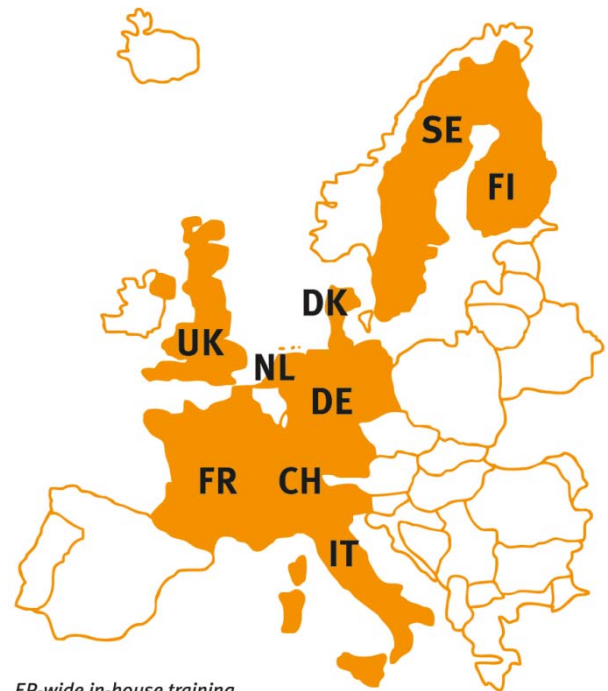
## Registration

The price for the “**1-day Computer-implemented invention course**” is **€ 540** (excluding 21% VAT). The price includes tuition, course materials, refreshments and lunches.

A **registration fee of € 65** is charged for every booking. If more than one course is booked at the same time, only one administrative fee of € 65 will be charged. Please register online or use the form in this brochure. Please contact us for a quote for an in-house course.

## Cancellation policy

Please check our website ([www.deltapatents.com](http://www.deltapatents.com)) for our cancellation policy.



## Training locations

We do not only provide training in our base in Eindhoven, the Netherlands, but many of our training modules are available at several locations in Europe to minimize your travel costs.

## In-house training

All courses can also be given in-house. If required, a module can be tailored to your local organizational needs. Please contact us if you are interested in inviting us to your office.



**“GOOD COURSE,  
SUPPORTED BY  
ENOUGH  
EXAMPLES.”**



**Nico Cordes**  
DeltaPatents

## Meet the tutor-presenter

**Nico Cordes** teaches EQE Pre-Exam claims-analysis part and Paper C.

He is a European Patent Attorney with an extensive background in dealing with inventions relating to software and algorithms, machine learning (AI), signal processing, medical devices, consumer electronics, telecommunications, embedded systems, video/image processing, computer vision, 3D TV, display technology.



**Mieke Zonjee**

## Contact

**For more information** please visit the DeltaPatents website ([www.deltapatents.com](http://www.deltapatents.com)) or contact Mieke Zonjee at DeltaPatents ([training@deltapatents.com](mailto:training@deltapatents.com)).



# REGISTRATION FORM

## IP Master classes – Computer implemented inventions

You may register by **fax** + 31 40 2366708 **mail** DeltaPatents B.V., Fellenoord 370, 5611 ZL Eindhoven, the Netherlands  
**website** [www.deltapatents.com](http://www.deltapatents.com) **e-mail** [training@deltapatents.com](mailto:training@deltapatents.com)

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name

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company

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address

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billing-address (if different)

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billing email or phone

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e-mail address

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A registration fee of € 65 is charged for each booking. If more than one course is booked at the same time, only one administrative fee of € 65 will be charged. All prices are exclusive of 21% VAT. No VAT will be charged if a VAT-number is provided on this form.

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1-day  **Eindhoven € 540 – 24 June 2019**  
Computer-  
implemented  
inventions

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