

## Distance Learning Activities 2014

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### What are Distance Learning Activities (DLA)?

DLAs are short and intensive online learning sessions of 5 days duration consisting of both synchronous and asynchronous communication.

There will be 3 DLAs per academic year

The topics will be relevant to the area of Life Science and Inquiry Based Learning  
Where possible the DLAs will be offered in various languages; English, German, French, Spanish, ...

### How do teachers become involved in the DLAs?

#### Before the DLA

- An announcement is made by EUN to the training providers (topic, title, brief outline of activities, start date)
- 10 days before the start of the DLA, training providers send to EUN a list of participating teachers with the following information in an Excel spreadsheet: *Important: Please put 3 separate cells in excel as EUN needs to filter!*
- - Family name
  - Name
  - Email address
- Teachers are informed by EUN in an email how to access the DLA space in the Teachers Community
- Teachers are also given the link by EUN to participate in the live Webinar session

#### During the DLA

##### Day 1 . - Pre live session (familiarisation)

In the dedicated online space participants introduce themselves in a forum.  
The expert introduces the topic and some related references (either text, web resources or video) teachers need to read.

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### Day 2. - Synchronous Live session (WebEx)

The expert supported by an EUN moderator, gives a live presentation of 45 – 60 min. on the topic of the DLA, with live Q& A session afterwards. Usually the Webinar will begin in the evening at 19:00 (CET Brussels time)

### Day 3 & 4.

During these days, in the DLA linked community, the expert poses 2- 3 leading questions and/or tasks for the participants to discuss or carry out. A help section is provided for assistance.

### Day 5.

The session ends with either a general synchronous discussion or a summary presentation in the DLA space, in which the expert reviews the topic, picks out relevant points from the discussion and invites the participants to share their own experiences and discuss relevant resources.

**These timings may vary slightly. For example the live Webinar may take place on Day 3 with an extension of a day or so at the end to allow for reaction to key questions.**

### After the DLA

After the DLA, EUN will provide the Trainer Providers with a list of successfully participating teachers.

EUN will also provide a certificate template for the Training Providers to send to their successful candidates.

EUN will liaise with the external evaluator regarding the evaluation of each DLA.

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First DLA Information

*17 - 21 November*

***NANOTECHNOLOGY AROUND US - Luisa Filiponi***

### **Description**

Nanotechnology is an emerging technology that exploits the peculiar properties of matter at the nanoscale. Some applications are around us already; some more will become available in the future.

This course will discuss the impact of nanotechnologies in everyday life and provide a selection of resources that teachers can use to bring this interesting topic to the classroom.

### **About the expert**



Luisa Filiponi is an expert in nanotechnologies and conducts teacher training events both live (with laboratory, hands on activities) and online. She is the principal author of “Nanotechnologies: principles, applications, implications and hands-on activities- A compendium for educators”(EU Publication, 2012)

The Webinar for this DLA will take place either on the 17 or 18 November