



theramin technical training school

WEDNESDAY 12TH TO FRIDAY 14TH JUNE 2019

Le Visiatome® Marcoule, Centre CEA Marcoule, 30207 Bagnols sur Cèze, France

Applications are invited for the **theramin** technical training school, which is being held in Marcoule in June 2019.

The course is aimed at early-career scientists and engineers working in the field of radioactive waste management, and at non-specialist participants from countries that do not currently use thermal treatment for radioactive waste.

Topics covered will include:

- The benefits and strategic impact of thermal treatment
- Treatment technologies demonstrated within the Theramin project
- Material characterisation and disposability

The course will include lectures, a poster session and visits to thermal treatment facilities owned by CEA and EDF as well as cultural and networking activities.

The registration deadline is Friday 12th April 2019.

Registration is free but places are limited, so please apply as soon as possible. EC funding may be available to cover expenses associated with attendance (for students, early career researchers or those otherwise unable to obtain funding).

Download the registration form at www.theramin-h2020.eu/downloads.htm

Accommodation:

Accommodation is not arranged for participants, but it is recommended that you stay in Avignon. A bus service will be provided each day between the city of Avignon and Le Visiatome® Marcoule

Contacts:

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Jenny KENT (jek@galson-sciences.co.uk)

OUTLINE PROGRAMME (SUBJECT TO CHANGE)

Day One – Wednesday 12th June 2019

11:15	Bus pickup from Avignon
12:00	Ice breaker buffet at Le Visiatome® Marcoule
13:45	Welcome
	INTRODUCTION
14:00	What is the problem with conventional radioactive waste treatment technologies? Why use thermal treatment – benefits and challenges?
15:00	COURSE 1: THERMAL TREATMENT TECHNOLOGIES Gasification, compression, and vitrification technologies for radioactive waste processing
18:30	Poster session Exhibition of work by attendees and lecturers, including working models, wine & cheese
20:00	Transfer from Le Visiatome® Marcoule to Avignon

Day Two - Thursday 13th June 2019

07:15	Transfer from Avignon to Le Visiatome® Marcoule
08:00	COURSE 1: THERMAL TREATMENT TECHNOLOGIES Incineration, vitrification, and plasma technologies for radioactive waste processing
	TECHNICAL VISIT
9:45	GROUP A: SOCODEI (EDF group) GROUP B: CEA thermal treatment processes
12:00	Buffet
	TECHNICAL VISIT
13:30	GROUP A: CEA thermal treatment processes GROUP B: SOCODEI (EDF group)
15:45	COURSE 2: WASTE DISPOSABILITY AND ITS EVALUATION From waste disposability to waste acceptance criteria Characterisation of thermally treated products
18:30	Transfer from Le Visiatome® Marcoule to Avignon
19:30	SOCIAL EVENT Guided tour of Avignon and dinner

Day Three - Friday 14th June 2019

07:15	Transfer from Avignon to Le Visiatome® Marcoule
8:00	COURSE 2: WASTE DISPOSABILITY AND ITS EVALUATION Characterisation of thermally treated products: imaging and chemical durability
10:00	Break and refreshments
10:30	COURSE 3: VALUE ASSESSMENT How do you choose between different treatment technologies? Discussion of methods, criteria and potential issues
12:00	Buffet and visit to the museum: Le Visiatome® Marcoule
14:00	Transfer from Le Visiatome® Marcoule to Avignon

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