



Summer school Atomic Layer Deposition: Method and Applications

July 6 – 10, 2015
Brescia, ITALY

Location

Lessons will take place at "Collegio Universitario Luigi Lucchini" (www.collegiounibs.it).

Scientific Coordinator

Prof. Laura Depero (Department of Mechanical and Industrial Engineering, University of Brescia)

Course Objectives

- Learn the fundamentals of ALD based on sequential self-limiting surface reactions.
- Understand the important advantages of ALD and comparison with other deposition techniques.
- Learn about ideal and non-ideal ALD and thermal and plasma-enhanced ALD.
- Understand how ALD surface chemistry and growth are studied using in situ probes.
- Learn how ALD can be used for thin film nanoengineering.
- Understand the many current and potential applications of ALD

Program

Lessons

Lessons will take place in the morning from 8:30 to 12:30, All the physical, chemical and engineering concepts of ALD will be revised, by illustrious scientist.

Seminars

Seminars dedicated to one main theme of application will be held by scientist leader in the field in the early afternoon from 14:30 to 16:00.

Thematic work sessions

Thematic work sessions dedicated to the theme faced during the daily seminar will take place in the late afternoon from 16:00 to 18:00. Five minutes presentation of posters or slides from students are encouraged to discuss the main problems of material synthesis and characterization in the selected field.

Detailed program and speakers will be available soon.

Registration

Registration fee is 500 Euro (VAT included)

Registration includes: courses material, coffee breaks, 5 lunch, 5 dinner

Payment may be done via bank transfer or credit card (VISA or MASTERCARD) as specified in the registration form.

Fellowships

Limited number of fellowships supported by COST Action HERALD will be available for early registrations. Deadline is 30 April 2015. The names of selected fellows will be communicated within 15th May 2015.

Accommodation

Places in double rooms are available at Casa Marcolini Facella (www.casamarcolinifacella.it). Accommodation cost is 41 Euro per day per room (20,50 Euro per person), breakfast is excluded. Info: info@casamarcolinifacella.it.

Contacts

Secretary: Daniele Consigli (dconsigli.it)

Local organizing committee: Laura Borgese (laura.borgese@unibs.it)