

Advanced methods for characterization of graphene-based nanocomposites

MSCA Training school for the ESRs and Innovation Staff

May 26-30 2019

University of Salerno (ITALY)

The training program include lectures from the ERs on the major methods and characterization techniques available at the consortium partners labs.

1) Official text according to DoA

MSCA Training school for the ESRs and innovation staff on “Advanced methods for characterization of graphene-based nanocomposites” will be organized at month 30, in Salerno, Italy, and hosted by UniSA. The training program will include lectures from the ERs on the major methods and characterization techniques available at the consortium partners.

2) MSCA Training school title

Advanced methods for characterization of graphene-based nanocomposites

3) Training school Program

Sunday May 26 - Opening session	
14h00	Registration
15h00-16h00	Opening and Event presentation
16h00	<i>Touristic event</i>
19h00	<i>Welcome Cocktail</i>

Monday May 27 – morphological/structural characterization	
09h00-9h15	Institutional greetings
09h15-09h30	Training school and Graphene 3D project by R. Kotsilkova
09h30-10h30	Nanoparticle morphological/structural characterization by P. Ciambelli
10h30-10h45	coffee-break
10h45-11h45	Nanocomposites morphological/structural characterization by H. Xia/M. Lavorgna
11h45-12h15	Opening of Poster Corner and Poster Presentation by ESR
12h15-13h30	Lunch
13h30-15h00	Laboratory MS1
15h00-16h30	Laboratory MS2
16h30-16h45	coffee-break
16h45-18h15	Visit to University facilities
19h00	Dinner

Tuesday May 28 – thermal/mechanical characterization	
09h00-10h00	Nanoparticles thermal/mechanical characterization by R. Andrade/C. Silvestre
10h00-11h00	Nanocomposites thermal/mechanical characterization by L. Guadagno
10h15-11h15	coffee-break
11h15-12h15	3D Structures/devices making and characterization by E. Ivanov
12h15-13h30	Lunch
13h30-15h00	Laboratory TM1
15h00-16h30	Laboratory TM2
16h30-19h30	Visit to Salerno city
19h30	Street-food Dinner

Wednesday May 29 – electrical characterization	
09h00-10h00	DC and low frequency characterization by V. Tucci/P.Lamberti
10h00-11h00	High frequency characterization by P. Kuzhir
11h00-11h15	coffee-break
11h15-12h15	3D Structure and device modeling vs characterization by P. Lambin
12h15-13h30	Lunch
13h30-15h00	Laboratory E1
15h00-16h30	Laboratory E2
16h30-16h45	coffee-break
16h45-18h45	excursion
19h00	Social Dinner

Thursday May 30 - Practical work presentation and Conclusion	
09h30-12h30	Practical work on Data Analysis and results presentation
12h30-13h30	Lunch
13h30-15h00	Practical work presentation by ESR-groups
15h00-15h30	Best Poster Awards, greetings and conclusions

4) Poster session and abstract - Deadline: April 5th 2019

Participants intending to participate to the Poster Session have to send a brief abstract of the poster content using the format reported at the end of this document. The abstracts will be collected in a book-of-abstract of the MSCA training school. The ESR will be responsible of the poster posting and he/she will be available at the poster corner during the poster session. For the best 3 posters presented at the Training School prizes of 300, 200 and 100€ will be awarded during the Closing session on May 30th 2019.

Poster dimension: max A1 format

When: abstract submission deadline - April 5th 2019

How: send the abstract to plamberti@unisa.it and indicate the subject: "Abstract for Poster at the MSCA training school"

5) MSCA Training school Location

The MSCA Training school will take place at the University of Salerno - Fisciano Campus, Via Giovanni Paolo II 132, 84084 Fisciano (SA), Italy.

The lessons will be given in room 145, Building E, at the Department of Information and Electrical Engineering and Applied Mathematics (DIEM). The practical works will take place at the Laboratories of the Interdepartmental Centre NANOMATES (Research Centre for Nanomaterials and Nanotechnology at the University of Salerno)

6) Student Accommodation and living expenses - deadline: April 5th 2019

The accommodation for MSCA students comprising hotel expenses (5 days), as well as those for lunches dinners for 4 days (27-30.05) and social events will be payed from the budget of the Training School.

Max. 3 ESRs/ERs (or 2 ESRs/ERs and 1 MC/MB member – Lecturer per Consortium partner will be supported).

Rooms will be booked by the local organization committee.

When: Reservation deadline - April 5th 2019

How: by sending an e-mail to plamberti@unisa.it with the subject: "Accommodation request for MSCA training school"



TITLE (Calibri 18 all caps)

Subtitle (Calibri 18)

Authors (Calibri 14)

Laboratory (Calibri 10 Italic)

Institution

Address

Abstract (Calibri 12) 1800 characters with spaces. Pictures are also available. The full length of the abstract should not exceed 1 standard A4 page.

References: (up to 4 lines, Calibri 11 Italic)

- 1.
- 2.

Acknowledgements: This work is supported by the Project H2020-MSCA-RISE-2016-734164 Graphene 3D.