



UNIVERSITÀ DELLA CALABRIA

DIPARTIMENTO DI
MATEMATICA
E INFORMATICA

Dipartimento di Matematica e Informatica

Avviso di Seminario

Giovedì 10 maggio 2018 – ore 17:00

Aula MT11 – cubo 30B piano secondo

la Dr. Maria Francesca Spadea

Università Magna Graecia di Catanzaro

terrà un seminario dal titolo:

Image processing to improve diagnosis and therapy via machine learning techniques

Abstract:

The interest in medical image processing has increased in the last decades thanks to the large availability of patient image data and computational resources. Machine learning and deep learning techniques have shown their potentiality to accurately detect, recognize and classify image features to support diagnosis and therapy. During the seminar some of the activities carried out in this field, by people working at ImagEngLab (University Magna Graecia of Catanzaro), will be presented. The talk is mainly addressed to Master and PhD students of biomedical engineering and computer science.

BIO: *Dr. Maria Francesca Spadea is assistant professor of biomedical engineer at University Magna Graecia of Catanzaro. Her main research field is image processing for image guided surgery/therapy, with particular emphasis on image guided radiotherapy. She collaborates with several renowned worldwide clinical and research institutions and she is visiting scientist at the German cancer institute (DKFZ) in Heidelberg (Germany).*

Il Direttore del Dipartimento
prof. Nicola LEONE