

COURSE | 5TH EDITION

Introduction to data analysis & image processing with MATLAB



25-27 MARCH 2019

i3S - Instituto de Investigação e Inovação em Saúde
Paulo de Castro Aguiar, i3S/INEB

PROGRAMME:

Introduction to computer algorithms | The MATLAB environment |
Variables and basic array operations | Strategies for representing
numerical/scientific problems in a computer | Plotting data | MATLAB
programming | Creating functions and scripts | Automating data analysis |
Image analysis: Images as arrays of data values | importing images and
metadata | operations on image data | filtering | segmentation |
morphological operations | properties measurements

LECTURER:

Paulo de Castro Aguiar, i3S/INEB

FEES:

Early Bird | Until 3rd February 2019

i3S members - 130 €

External participants - 150 €

Late registration | 4th February until 3rd March 2019

i3S members or External participants - 200 €

(registrations accepted up to a maximum of 20 participants)
Previous experience with MATLAB is not required. Participants are asked
to bring their laptops (a MATLAB trial version is available)

REGISTRATION & MORE INFORMATION:

www.i3S.up.pt

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