

Session Program

23 September 2022

Kickoff Meeting on the Machine Learning Group of the Workshop on Compact Objects, Gravitational Waves and Deep Learning

Advanced Materials Science

University of Minho, Braga, Anfiteatro da Escola de Ciências
Universidade do Minho Campus de Gualtar 4710 - 057 Braga

Friday 23 September

14:15

Advanced Materials Science

Session |

Location: University of Minho, Braga, Anfiteatro da Escola de Ciências, Universidade do Minho Campus de Gualtar 4710 - 057 Braga

14:15-14:45 **Overview**

Speaker

Prof. Bernardo Almeida

14:45-15:00 **Probing Electrostructural Coupling on Magnetoelectric CdCr₂S₄**

Speaker

Dr Gonçalo Oliveira

15:00-15:15

EFFECT OF LA SUBSTITUTION ON TB₅SI₂GE₂ COMPOUND: STRUCTURAL AND MAGNETIC PROPERTIES

Speaker

Dr João Horta Belo

15:15

16:00

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16:00-16:15

Ordered arrays of electrodeposited nanowires and nanotubes: comparing magnetic properties

Speaker

Dra. Mariana Proença

16:15-16:30

Hematite nanowires for solar water splitting: development and structure optimization

Speaker

Dr João Azevedo

16:30-16:45

Critical behaviour of a three-dimensional hardcore cylinders composite system

Speaker

Dr Jaime Silva

16:45-17:00

Dynamic Electronic Interactions at Nanoscopic Scale

Speaker

Dr Marcelo Barbosa

17:00-17:15

Exchange coupled donor dimers in nanocrystal quantum dots

Speaker

Dr António José Almeida

17:15