

ISyDMA 4 Pre-conference  
Spring School on Advanced  
Materials

30 April - 1 May 2019, Irbid, Jordan

علم المواد المتقدمة وتطبيقاتها

**ISyDMA 4 Pre-Conference School on  
Advanced Materials, Irbid, Jordan, April 30 - May 1, 2019  
Lecturers**

**COSTA Luis Cadillon**  
*University of Aveiro  
Portugal*

**Title of the Course :**  
*Impedance Spectroscopy: A Tool to Understand Materials*



**GRACA Manuel Pedro Fernandes**  
*Portugal*

**Title of the Course :**  
*Sol-Gel Process for Processing Electro and Magnetic Active  
Materials*



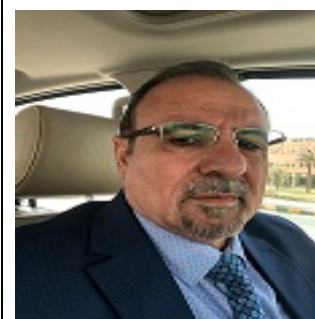
**MABROUKI Mustapha**  
*Sultan Moulay Slimane University Beni-Mellal  
Morocco*

**Title of the Course :**  
*Facile Route Preparation and Optimization of Solar Cells Based  
on Copper-Zinc Oxide*



**OMARI Ahmad**  
*Jordan University of Science & Technology, Irbid, Jordan  
University of Hafr Al-Batin, Saudi Arabia  
(On Sabbatical Leave)*

**Title of the Course :**  
*Superhydrophobicity/Superhydrophilicity  
Transformations, Structural and Optical Properties  
Enhancement of Hybrid Thin Films Based on PVC-PS  
Doped with Silica Nanoparticles*



<p align="center"><b>PETKOV Plamen</b>  <i>University of Chemical Technology and Metallurgy,  Department of Physics, Thin Films Technology Lab, Sofia,  Bulgaria</i></p> <p align="center"><u><i>Title of the Course :</i></u>  <i>Advanced Chalcogenide Materials – Preparation,  Characterization and Application</i></p>	
<p align="center"><b>PETKOVA Tamara</b>  <i>Institute of electrochemistry and energy systems Acad.  Evgeni Budevsky, Bulgarian Academy of Sciences, Sofia,  Bulgaria</i></p> <p align="center"><u><i>Title of the Course :</i></u>  <i>Advanced Oxide Materials for Energy Storage and  Conversion</i></p>	
<p align="center"><b>PETRA Uhlmann</b>  <i>Leibniz-Institut für Polymerforschung Dresden e.V  Germany</i></p> <p align="center"><u><i>Title of the Course :</i></u>  <i>Bio-interactive Layers</i></p>	
<p align="center"><b>POPOV Cyril</b>  <i>Institute of Nanostructure Technologies and Analytics  (INA), Center of Interdisciplinary Nanostructure Science  and Technology (CINSaT), University of Kassel, Kassel,  Germany</i></p> <p align="center"><u><i>Title of the Course :</i></u>  <i>Deposition, Characterization and Applications of  Diamond Films</i></p>	
<p align="center"><b>SAMI H. Mahmood</b>  <i>Physics Department, The University of Jordan  Amman, Jordan</i></p> <p align="center"><u><i>Title of the Course :</i></u>  <i>Hexaferrites: Synthesis and Applications</i></p>	