

Second Moroccan Spring School on Advanced Materials  
Rabat, Morocco, June 24-25, 2019



**Poster presentations Planning**

**Session I: June 24, 2019**

|           |            |  |             |
|-----------|------------|--|-------------|
| Hind      | El Aakib   | Elaboration of copper oxide thin films by RF-sputtering for solar selective absorber applications  | <b>PP01</b> |
| Fatimetou | Welatta    | Influence of annealing temperature on the properties performance of copper tin sulfide thin films prepared using sol gel method                  | <b>PP02</b> |
| Sanae     | Barnoss    | Studies on conductivity and dielectric properties of Gt/CNT/Engine oil nanofluids  | <b>PP05</b> |
| Naoual    | Al Armouzi | Effect of Sn in ZnO thin films elaborated by sol-gel method  | <b>PP14</b> |
| Salma     | Larguech   | Dielectric analysis of carbon nanotubes/microcrystalline cellulose reinforced EVA/VEOVA hybrid composites  | <b>PP16</b> |
| Abdelkrim | Amkassou   | Investigating new materials and architectures for dyes used in Grätzel cells   | <b>PP25</b> |
| Yassine   | Nioua      | Impedance spectroscopy study of reduced graphene oxide loaded resin epoxy nanocomposites   | <b>PP27</b> |
| Yahya     | Bougdid    | Laser nanofabrication by two-photon polymerization for photonic applications   | <b>PP28</b> |
| Abdelilah | Benallou   | Photophysical properties of Rhodium (II) complexes with various hydrazone ligands: DFT and TD-DFT study  | <b>PP30</b> |
| Hakim     | Bentour    | Tailoring the photocatalytic activity of SrTiO <sub>3</sub> by codoping from first principles calculations                                       | <b>PP33</b> |
| Dounia    | Azzouni    | Adsorption of heavy metal ions from aqueous solutions by chitosan powder   | <b>PP34</b> |
| Fidâ      | Baragh     | Heterogeneous catalytic oxidation of organic compound for wastewater treatment   | <b>PP35</b> |
| Boutaina  | Rezki      | Influence of calcination on catalytic activity of cesium impregnated natural phosphate in biodiesel production                                   | <b>PP38</b> |
| Hoda      | Ait Dads   | The effect of bromide precursor on the performance of perovskite solar cell prepared under ambient condition.                                    | <b>PP42</b> |
| Mounir    | Chaik      | The influence of dopant elements (cobalt, nickel and chromium) on the structural, optical and electrical properties of ZnTe sputtered thin films | <b>PP43</b> |
| Naoufal   | Ennouhi    | Numerical simulation of CZTS/silicon tandem solar cell   | <b>PP45</b> |

Second Moroccan Spring School on Advanced Materials  
Rabat, Morocco, June 24-25, 2019



**Session II : June 25, 2019**

|              |                  |   |             |
|--------------|------------------|---|-------------|
| Noura        | Aarich           | Comparison analysis of energy performance of different photovoltaic technologies under outdoor conditions in Marrakech                              | <b>PP03</b> |
| Cheyema      | Naceur Abouloula | Empty fruit bunch oil palm: from raw materials to gel polymer electrolytes  | <b>PP04</b> |
| Zineb        | Samir            | Electrical permittivity studies on carbon nanotubes particles/polyester polymer composites  | <b>PP12</b> |
| Rajae        | Belhimria        | Dielectric properties and structural characterization of graphite/carbon nanotubes/polyester ternary composites                                     | <b>PP13</b> |
| Najoia       | Aribou           | Interphase effect on the electrical conductivity of the heterogeneous media   | <b>PP15</b> |
| Fatima       | Haddani          | Development of scaffolds based on poly (vinylidene fluoride) for tissue engineering   | <b>PP17</b> |
| Cheikh       | Samba vall       | Structural and optical properties of RF-sputtered ZnS:Ni thin films   | <b>PP20</b> |
| Salma Kaotar | Hnawi            | Extraction and characterisation of aloin from leaves of aloe vera plants for dye-sensitized solar cell applications                                 | <b>PP22</b> |
| Mohamed      | Oubaaqa          | Electrochemical investigation of inhibition efficiency of two amino organic compounds on the corrosion of mild steel in acidic medium               | <b>PP29</b> |
| Said         | Kerraj           | Ruthenium complexes containing the schiff base hydrazone ligands: spectral and computational analysis   | <b>PP31</b> |
| Wafaa        | Battal           | Elaboration and characterization of ZnO thin films by ultrasonic spray for gaz sensor   | <b>PP32</b> |
| Elhoussaine  | Maskar           | Modeling of the magnetic properties of some oxides for applications in batteries  | <b>PP36</b> |
| Abdallah     | Amedlous         | Aqueous-phase catalytic hydroxylation of phenol with H <sub>2</sub> O <sub>2</sub> by using a copper incorporated apatite nanocatalyst              | <b>PP37</b> |
| Zouhir       | Mansouri         | Adsorption and diffusion on a phosphorene monolayer and graphene monolayer: a DFT study   | <b>PP39</b> |
| Mustapha     | Beraich          | Synthesis and characterization of tetragonal Cu <sub>2</sub> CoSnS <sub>4</sub> thin film via low cost electrodeposition technique for solar cells. | <b>PP40</b> |
| Sanae        | Janati Edrissi   | Pressure effect on the diamagnetic susceptibility of donor in HgS and GaAs cylindrical quantum dot  | <b>PP41</b> |
| Youssef      | El Idrissi       | Micro/nanofabrication using two-photon polymerization   | <b>PP44</b> |
| Ibrahim      | Boudene          | Efficient formation of hologram gratings by gold nanoparticles dispersed on azo doped polymer films   | <b>PP46</b> |