



**Algerian American Foundation for Culture, Education, Science and Technology (AAF)**

**e-AAF Summer University 2020 - "Advanced Computing" Topic - 18 July to 29 August 2020**

|                                    |            |                                                                                                                                                               |
|------------------------------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Dr. Abdelfattah AMAMRA</b>      | <i>USA</i> | <ul style="list-style-type: none"> <li>▪ Analyze Encrypted Traffic for Cyber Threats Using Zeek</li> <li>▪ Endpoints - Threat Hunting Using Sysmon</li> </ul> |
| <b>Dr. FatimaZohra BENHAMIDA</b>   | <i>DZ</i>  | <ul style="list-style-type: none"> <li>▪ The Internet of Things: living in a smart world</li> </ul>                                                           |
| <b>Ouafa BENTERKI</b>              | <i>DZ</i>  | <ul style="list-style-type: none"> <li>▪ Introduction to NLP</li> </ul>                                                                                       |
| <b>Dr. Mourad BOUACHE</b>          | <i>USA</i> | <ul style="list-style-type: none"> <li>▪ AI for everyone (this will cover AI, ML and DL)</li> <li>▪ Science of Performance</li> </ul>                         |
| <b>Dr. Mourad CHERFAOUI</b>        | <i>USA</i> | <ul style="list-style-type: none"> <li>▪ Cloud Computing</li> </ul>                                                                                           |
| <b>Dr. Zakarya DRIAS</b>           | <i>USA</i> | <ul style="list-style-type: none"> <li>▪ Cybersecurity of Industrial internet of things</li> <li>▪ Cybersecurity of Cyber-physical systems</li> </ul>         |
| <b>Reda GUERMAS</b>                | <i>USA</i> | <ul style="list-style-type: none"> <li>▪ Data Science Applied to the Ad Tech Industry</li> </ul>                                                              |
| <b>Dr. Mounir HAHAD</b><br>(Chair) | <i>USA</i> | <ul style="list-style-type: none"> <li>▪ Cybersecurity - Top Threats in the wild</li> </ul>                                                                   |
| <b>Abderrezak KAMEL</b>            | <i>USA</i> | <ul style="list-style-type: none"> <li>▪ Big Data/AI demystified</li> </ul>                                                                                   |
| <b>Dr. Mohamed SENOUCI</b>         | <i>FR</i>  | <ul style="list-style-type: none"> <li>▪ Embedded Intelligence for Smart Devices</li> </ul>                                                                   |
| <b>Dr. Khaled YAGOUB</b>           | <i>USA</i> | <ul style="list-style-type: none"> <li>▪ Automatic SQL Tuning</li> </ul>                                                                                      |