



ASET 2023

February 20-23

ADVANCES IN SCIENCE & ENGINEERING TECHNOLOGY

HCT - Dubai Men's Campus



The International Conference on ADVANCE MATERIALS, DESIGN AND MANUFACTURING

CALL FOR PAPERS

Dear Colleagues:

It is a great pleasure to invite you to attend the International Conference on Advanced Materials, Design and Manufacturing (AMDM) to be held in the beautiful city of Dubai.

The AMDM is a sub-conference of the Advances in Science and Engineering Technology Conference (ASET), organized by the Higher Colleges of Technology. The conference will host scientists, engineers and designers, both from Academia and Industry, coming from different areas all over the world.

In order to promote the proper application of advanced materials, design and manufacturing technologies in different fields, the conference aims to represent a forum for exchanging ideas, presenting the latest developments and trends, proposing new solutions and promoting international collaborations. To fulfil these objectives, we are preparing a comprehensive program which includes keynote lectures, symposia on a variety of topics as well as technical workshops on subjects of industrial interest. All papers presented at AMDM conference will be submitted for publication in IEEE Xplore digital library.

Special attention is given to the social programs to obtain the maximum benefit from the beauty of the city.

Please use the URL <https://edas.info/newPaper.php?c=29994> to submit your paper using EDAS. You may will need to register to EDAS.

Conference topics includes:

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| ▶ Composite materials | ▶ Multi-scale modelling |
| ▶ Biomaterials | ▶ NDE technologies |
| ▶ Multifunctional materials | ▶ Probabilistic design |
| ▶ Applications | ▶ Processing and manufacturing technologies |
| ▶ Design Technologies | ▶ Repair technologies |
| ▶ Corrosion | ▶ Recycling |
| ▶ Damage and fracture | ▶ Sandwich technologies |
| ▶ Durability and ageing | ▶ Standardization |
| ▶ Experimental techniques | ▶ Structural design |
| ▶ Health monitoring | ▶ Testing and characterization |
| ▶ Infrastructure | ▶ Precision machining |
| ▶ Life cycle analyses and sustainability | ▶ Tribology |
| ▶ Low cost technologies | |
| ▶ Mechanical and physical properties | |

We warmly invite you to join us and enjoy ASET | AMDM. Together with all the members of the Organizing and Technical Committees, we shall look forward to meeting you in Dubai.