

## Preface

The International Conference on Advancement of Materials, Manufacturing and Devices (ICAMaDe 2021) was virtually organized on June 22, 2021. The conference was organized by the Centre of Excellence for Frontier Materials Research, Universiti Malaysia Perlis (UniMAP). It provides a forum for researchers, scientists, scholars and experts to share their recent findings on the advancement in the broad fields of materials sciences and engineering towards manufacturing and devices. The conference keynote was delivered by the Emeritus Professor Sir Anthony J Leggett, the Nobel Prize Winner in Physics 2003. He delivered an incredible speech about his journey in scientific research as wisdom for young scientists and researchers.

As a direct result of the conference, we are delighted to select high-quality peer-reviewed manuscripts to be published by Trans Tech Publication Ltd. Peer-reviewing, as well as selecting various presentations (oral or poster), given on the topic of choice by presenters shall ensure high standards in terms of science and dissemination. We hope that the manuscripts will provide the reader with a broad overview of the recent research findings in the broad fields of materials sciences and engineering towards manufacturing and devices.

We would like to express our appreciation and gratitude to all the guests, participants, committee members of ICAMaDe 2021, UniMAP staff from various departments, and all the people who contributed their tremendous efforts to make the conference successful. We hope that all the fruitful discussions, ideas and outcomes during the conference become a steppingstone for further engagements in research collaborations between universities, industries and institutions.

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