

Preface

We were delighted to welcome all participants to the 3rd International Conference on Advanced Materials Science (ICOAMS 2020), which was held on 8-9 December 2020 at Universitas Muhammadiyah Surakarta, Indonesia. The presentations of the conference were held through a virtual conference this year, with the main purpose and role of bringing together academic scientists, engineers, industry researchers to exchange and share their experiences and research results on most aspects of material sciences, and to address the practical challenges faced and the solutions adopted.

We hoped all participants had interactions that were technically satisfying, and we used this opportunity to meet other researchers from many countries.

ICOAMS 2020 provided to be both stimulating and informative with a wonderful series of keynote and invited speakers from many countries.

We would like to express our gratitude to the keynote speaker, Assoc. Prof. Dr. Karthikeyan Kandan from De Montfort University, United Kingdom, for sharing his knowledge and insights with us. We also would like to thank the organization staff, the members of the program committees and reviewers. They have worked very hard in reviewing papers and making valuable suggestions for the authors to improve their work. We also would like to express our gratitude to the authors for contributing their research results to the conference.

We felt honored and privileged to serve the best recent developments in the fields covered in ICOAMS 2020.

Prof. Dr. Sarjito
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Co-Chair Conference

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Committee

Conference Chairs:

Prof. Dr. Sarjito

Assoc. Prof. Dr. Wahyu Adi Siswanto,

Assoc. Prof. Dr. Tri Widodo Besar Riyadi

Chapter 1: Properties and Processing Technologies of Steel and Alloys

Track Director: Assoc. Prof. Dr. Agus Dwi Anggono

Chapter 2: Composites

Track Director: Assoc. Prof. Dr. Supriyono

Chapter 3: Materials and Technologies in Construction

Track Director: Dr. Nagentrau Muniandy

Chapter 4: Materials for Biosensing

Track Director: Mr. Agung Setyo Darmawan

Chapter 5: Materials and Technologies in Chemical Production and Environmental Engineering

Track Director: Dr. Joko Sedyono