

The 4th International Conference on Materials Engineering and Applications

ICMEA 2021

Nha Trang, Vietnam

January 8-10, 2021

CALL FOR PAPERS



<http://icmea.org/>

Important Dates

Submission: Aug. 20, 2020

Notification: Sept. 10, 2020

Registration: Sept. 30, 2020

Conference Proceedings

Accepted papers with registration will be published into **Conference Proceedings**, which is indexed by **EI Compindex** and **Scopus**, Thomson Reuters (WoS), Inspec, et al.

Submission Link

<http://confsys.iconf.org/submission/icmea2021>

Topics

- ♦ Metallic Alloys,
- ♦ Tool Materials
- ♦ Superplastic Materials
- ♦ Ceramics and Glasses
- ♦ Composites
- ♦ Amorphous Materials
- ♦ Nanomaterials
- ♦ Biomaterials
- ♦ Multifunctional Materials
- ♦ Smart Materials
- ♦ Engineering Polymers
- ♦ Ductility,
- ♦ Crack Resistance,
- ♦ Fatigue,
- ♦ Creep-resistance,
- ♦ Fracture Mechanics,
- ♦ Mechanical Properties,
- ♦ Electrical Properties
- ♦ Corrosion,
- ♦ Erosion, Wear

Organizing Committee

Conference Chairs

Nguyen Quang Liem, Vietnam Academy of Science and Technology, Vietnam

Frank Otremba, Federal Institute for Material Research and Testing, Germany

Local Chair

Trang Si Trung, Rector of Nha Trang University, Vietnam

Program Chairs

Takashige Omatsu (Fellow of JSAP, OSA, SPIE), Chiba University, Japan

Jae-Jin Shim, Yeungnam University, South Korea

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Workshop Chair

Anja Pfennig, HTW-Berlin University of Applied Sciences, Germany

Poster Chair

Dae-Eun Kim, Yonsei University, South Korea

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CHIBA
UNIVERSITY



Conference Partner

Speakers



Prof. Nguyen Quang Liem
Institute Materials Sciences, Vietnam
Academy of Science and Technology,
Hanoi, Vietnam



Prof. Frank Otremba
Federal Institute for Material
Research and Testing, Germany



**Prof. Takashige Omatsu (Fellow of
JSAP, OSA, SPIE)**
Chiba University, Japan



Prof. Anja Pfennig
HTW-Berlin University of Applied
Sciences, Germany



Prof. Dae-Eun Kim
Yonsei University, Korea

About ICMEA 2021

It provides an opportunity for the delegates to meet, interact and exchange new ideas in the various areas of Materials Science especially on materials engineering and application. ICMEA 2021 aims to proclaim knowledge and share new ideas amongst the professionals, industrialists and students from research areas of materials engineering and application to share their research experiences and indulge in interactive discussions and special sessions at the event.

The interdisciplinary field of materials science, also commonly termed materials science and engineering, involves the discovery and design of new materials, with an emphasis on solids. The intellectual origins of materials science stem from the Enlightenment, when researchers began to use analytical thinking from chemistry, physics, and engineering to understand ancient, phenomenological observations in metallurgy and mineralogy. Materials science still incorporates elements of physics, chemistry, and engineering. As such, the field was long considered by academic institutions as a sub-field of these related fields. Beginning in the 1940s, materials science began to be more widely recognized as a specific and distinct field of science and engineering, and major technical universities around the world created dedicated schools of the study.

History

January 14-16, 2018 | Bali, Indonesia | ICMEA 2018
(Vol. 348-IOP Conference Series: Materials
Science and Engineering)

January 16-18, 2019 | Danang, Vietnam | ICMEA
2019
(Vol. 540-IOP Conference Series: Materials
Science and Engineering)