

Preface

The 9th International Conference on Materials Engineering and Applications (ICMEA 2026) and the 14th International Conference on Nano and Materials Science (ICNMS 2026) were successfully held in Nha Trang, Vietnam, from January 14 to 17, 2026 and in Singapore from January 21 to 24, respectively. As interdisciplinary pillars of modern science and engineering, materials science and nanoscience continue to drive groundbreaking innovations across electronics, energy, healthcare, and environmental remediation. Their theoretical foundations and practical applications are advancing rapidly worldwide.

ICMEA 2026 and ICNMS 2026 serve as important global platforms for researchers, industry professionals, and students to gather, interact, and share cutting-edge ideas, research findings, and technical insights. During the conferences, participants focused their discussions on materials engineering, its applications, and nanomaterials research, presenting their work through various formats, including oral presentations and poster sessions. These exchanges foster dynamic academic dialogue and inspire collaborative exploration of emerging research directions.

We extend our sincere gratitude to all keynote speakers, committee members, reviewers, and participants for their dedication and support, which laid the foundation for the success of both conferences. We aim to provide an inclusive and insightful academic platform for experts, researchers, and industry representatives from around the world to engage in meaningful discussions and collaborations. We will continue to enhance this platform to further promote innovation and applications in nanotechnology and materials science.

We look forward to meeting you again at our next conferences and to your continued engagement and participation.

Conference Chair

Jae-Jin Shim

Yeungnam University, Republic of Korea

Conference Committees

Conference Chairs

Jae-Jin Shim, Yeungnam University, South Korea

Ramesh K. Agarwal (Fellow of IEEE, AAAS, AIAA, APS, ASME, CSAA, SME and ASEE),
Washington University in St. Louis, USA

Steven Y. Liang (Fellow of ASME & SME), Georgia Institute of Technology, USA

Zhang Dao Hua, Nanyang Technological University, Singapore

Conference Co-Chairs

Tran Doan Hung, Vice Rector, Nha Trang University, Vietnam

Huynh Dang Chinh, Vice President, Hanoi University of Science and Technology, Vietnam

Ramulu Mamidala, University of Washington, USA

Program Chairs

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

Guy Le Lay, Aix-Marseille Université, France

Sarawut Rimdusit, Chulalongkorn University, Thailand

Antonio Di Bartolomeo, Salerno University, Italy

Jing Wang, University of South Florida, USA

Yong Suk Yang, Pusan National University, Republic of Korea

Program Co-Chairs

Anatoly Zinchenko, Nagoya University, Japan

Chupong Pakpum, Maejo University, Thailand

Xu Chen, University of Washington, USA

Jin-Soo Park, Sangmyung University, Republic of Korea

Regional Chairs

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

Dae-Eun Kim, Yonsei University, South Korea

Local Advisory Committee

Phuong Tuyet Nguyen, The University of Science, Viet Nam National University Ho Chi Minh City,
Vietnam

Local Organizing Chairs

Nguyen Van Hoa, Nha Trang University, Vietnam

Dang Trung Dung, Hanoi University of Science and Technology, Vietnam

Local Organizing Committee

Tran Hung Tra, Nha Trang University, Vietnam

Le Hong Quan, Vietnam-Russia Tropical Centre, Vietnam

Publicity Committee

Khronghwan Akkarachaneeyakorn, Kasetsart University, Thailand
Jeyashelly Andas, Universiti Teknologi MARA, Malaysia
Arghya Narayan Banerjee, Yeungnam University, Republic of Korea
Masahiro Ikeda, National Institute of Technology, Japan

International Technical Committees

Nicola Menga, Politecnico di Bari, Italy
Tseung-Yuen Tseng, National Yang Ming Chiao Tung University, Taiwan
Abo Yasser Manalindo, University of Mindanao, Philippines
Jamaluddin Muhammad Herman, Universiti Teknikal Malaysia Melaka, Malaysia
Fariza Mohamad, Universiti Tun Hussein Onn Malaysia, Malaysia
Yarramaneni Sridharbabu, BML Munjal University, India
Leong Kah Hon, Universiti Tunku Abdul Rahman, Kampar, Perak, Malaysia
Nidal Alshwawreh, German Jordanian University, Jordan
Gunalaan Vasudevan, Tunku Abdul Rahman University of Management & Technology, Malaysia
Habib GÜRBÜZ, Süleyman Demirel University, Turkey
Nguyen Phu Thuong Luu, Van Lang University, Vietnam
Steven Lim, University Tunku Abdul Rahman, Malaysia
Kapil Chopra, Shri Mata Vaishno Devi University, India
Kamran Ali, Universiti Brunei Darussalam, Brunei Darussalam
Sunil Bhat, RVITM, India
Marie Fe Yap Lacsado, University of Mindanao, Philippines
Kamonpong Jamkamon, Rajamangala University of Technology Krungthep, Thailand
Suppawat Chuvaree, Rajamangala University of Technology Krungthep, Thailand
Malik Muhammad Nauman, Universiti Brunei Darussalam, Brunei Darussalam
Sushil Kumar Jain, Manipal University Jaipur, India
Pua Fei-ling, Universiti Tenaga Nasional, Malaysia
Trong-Phuoc Huynh, Can Tho University, Vietnam
Yeonghun Yun, Korea Advanced Institute of Science and Technology, Korea
Sanjay Kumar, Deshbandhu College (DU), India
Ganesh Dhakal, Southern University and A & M College, USA
Shang-Pang Yu, National Taipei University of Technology, Taiwan
Sumanta Sahoo, Yeungnam University, Republic of Korea
Yu-Kuei Hsu, National Dong Hwa University, Taiwan
Eddy Mohd Farid Mohd Yusslee, Universiti Malaysia Sabah, Malaysia
Christian Laurence Ecleo Aquino, University of the Philippines Los Banos, Philippines
Faez Qahtani, Najran University, Saudi Arabia
Young-Ki Kim, POSTECH, Republic of Korea
Mohamad Haqzim Ayob, Universiti Teknologi Malaysia, Malaysia
Yuan-Fong Chou Chau, Universiti Brunei Darussalam, Brunei Darussalam
Ashis Mallick, Indian Institute of Technology (ISM) Dhanbd, India
Mary Donnabelle Lirio Balela, University of the Philippines Diliman, Philippines
Yun-Feng Chang, Lunghwa University of Science and Technology, Taiwan
Mohd Azrul Abdul Rajak, Universiti Malaysia Sabah, Malaysia
Walaa M. Abd El-Gawad, National Research Centre, Egypt

Wisana Charee, Rajamangala University of Technology Isan, Thailand
Viboon Saetang, King Mongkut's University of Technology Thonburi, Thailand
Pradeep Kumar Panda, Yuan Ze University, Taiwan
Weerapong Julsri, Rajamangala University of Technology Isan, Thailand
Ahmad Zamanian, POSTECH, South Korea
Marjorie Lara Baynosa, University of the Philippines Diliman, Philippines
Teewara Suwan, Chiang Mai University, Thailand
Ashraf Maher Abdel Ghaffa, National Center for Radiation Research and Technology, Egypt
Jirapornchai Suksaeree, Rangsit University, Thailand
M Aleksandrova, Technical University of Sofia, Bulgaria
Osman Adiguzel, Firat University, Turkey
Nurin Wahidah Mohd Zulkifli, Universiti Malaya, Malaysia
Wegdan Wagdy, Horus University, Egypt
Maria Cinefra, Polytechnic University of Bari, Italy
Ali Trabolsi, New York University Abu Dhabi, United Arab Emirates
Marlus Chorilli, São Paulo State University, Brazil
Chih-Yuan Chen, National Taipei University of Technology, Taiwan
Ramachandra C G, Presidency University, Bengaluru, India
Mallikarjuna Reddy D, Vellore Institute of Technology, India
Hsin-Chih Lin, National Taiwan University, Taiwan
Raul Duarte Salgueiral Gomes Campilho, Instituto Superior de Engenharia do Porto, Portugal
Ming-Huwi Horng, National Cheng Kung University, Taiwan
Romano Neyra, FEU Institute of Technology, Philippines
Se-Jin Choi, Wonkwang University, South Korea
Jiang Ma, Southeast University, China
Jerome Lopena, FEU Institute of Technology, Philippines
Abbad Al Baroot, Imam Abdurahman Bin Faisal University, Saudi Arabia
Ajit Kumar Meikap, National Institute of Technology, India
Ali Cheknane, Amar Telidji University of Laghouat, Algeria
Amir Navidfar, Bahcesehir University, Turkey
Anna A. Thysiadou, Democritus University of Thrace, Greece
Anna Ermakova, UHasselt, BIRA-IASB, Belgium
Ananta Adhikari, The State University of New York at Potsdam, USA
Ankush K, National Institute of Technology Raipur, India
Anshuman, Banaras Hindu University (BHU), India
Arunkumar Pitchaimani, Cellular & molecular Thernostics (CBCMT) Vellore Institute of Technology (VIT) Vellore, India
Athanasia K. Tolkou, Democritus University of Thrace, Greece
Azzah Dyah Pramata, Institut Teknologi Sepuluh Nopember, Indonesia
Basil Tung Liong Wong, Swinburne University of Technology, Malaysia
Chi-Wen Liu, Minghsin University of Science and Technology, Taiwan
Chun Li, Chang'an University, China
Danuta Barnat-Hunek, Lublin University of Technology, Poland
Dhananjaya Kekuda, Manipal Academy of Higher Education, India
Ercan Gürses, Middle East Technical University, Turkey
G. Pugazhenthii, Indian Institute of Technology Guwahati, India

Ganesh Kumar Maurya, Banaras Hindu University, India
Gladys Edilo, Caraga State University, Philippines
Gobinda Gopal Khan, Tripura University, India
Guanghong Zhu, Xi'an University of Science and Technology, China
Huda Abdullah, University Kebangsaan Malaysia, Malaysia
Hyun Kyoung Yang, Pukyong National University, Republic of Korea
Ioannis Katsoyiannis, Aristotle University of Thessaloniki, Greece
Jayanta Kumar Patra, Dongguk University, Republic of Korea
Jenn Fang Su, Chang Gung University, Taiwan
Jin-Soo Park, Sangmyung University, Republic of Korea
Jorge Oliva UC, Centro de Fisica Aplicada y Tecnologia Avanzada, UNAM, Mexico
Kader Poturcu, Suleyman Demirel University, Turkey
Kapil Pareek, Malaviya National Institute of Technology Jaipur, India
Kong Kian Hau, National University of Singapore (NUS), Singapore
Marco Laurence Budlayan, Caraga State University, Philippines
M.G.H. Zaidi, G.B. Pant University of Agriculture & Technology, India
Malgorzata Franus, Lublin University of Technology, Poland
Markus Diantoro, Universitas Negeri Malang, Indonesia
Mary Donnabelle Balela, University of the Philippines, Philippines
Md Mustafizur Rahman, Universiti Malaysia Pahang, Malaysia
Mitsuya Motohashi, Tokyo Denki University, Japan
Mohd Azrul Abd Rajak, Universiti Malaysia Sabah, Malaysia
Muidh Alheshibri, Imam Abdulrahman Bin Faisal University, Saudi Arabia
Nur Jannah Azman, University Teknologi MARA, Negeri Sembilan Branch, Kuala Pilah Campus, Malaysia
Om Prakash, Hemvati Nandan Bahuguna Garhwal University, India
Omar P. Troncoso, Pontificia Universidad Catolica del Peru, Peru
Parul Aggarwal, Indian Institute of Science Education and Research, India
Pengyong Hoo, Universiti Malaysia Perlis, Malaysia
Piyush Kumar Sonkar, Banaras Hindu University, India
Ramesh Kumar Nayak, Maulana Azad National Institute of Technology Bhopal, India
Rey Marc Cumba, Caraga State University, Philippines
Ryosuke Watanabe, Hirosaki University, Japan
Sarun Juengpanich, Zhejiang University, China
Sazmal E. Arshad, Universiti Malaysia Sabah, Malaysia
Shalinee Dubey, Banaras Hindu University, India
Shi Wun Tong, A*STAR IMRE, Singapore
Shuqin Li, Nanjing University of Aeronautics and Astronautics, China
Sreekumar Vadakke Madam, Malaviya National Institute of Technology Jaipur, India
Srinivasa Rao Nelamarri, Malaviya National Institute of Technology Jaipur, India
Styliani Papatzani, Hellenic Army Academy, Greece
Sudhir Sharma, New York University Abu Dhabi, UAE
Susmita Naskar, University of Southampton, UK
Tanmoy Mukhopadhyay, University of Southampton, UK
Upendra Kumar, IIT Allahabad Jhalwa, India
Vasanth D, National Institute of Technology Raipur, India

Vinod Kumar Kannaujiya, Banaras Hindu University, India
Vipin Amoli, Rajiv Gandhi Institute of Petroleum Technology, India
Wael Amer, Tanta University, Egypt
Wei Wang, University of Tennessee, USA
Win Topatana, Zhejiang University, China
Xin Huang, Tianjin University, China
Xu Li, University of Electronic Science and Technology of China, China
Yangyang Zhao, China-Japan Union Hospital of Jilin University, China
Youngjae Kim, Pukyong National University, Republic of Korea
Yu Zhang, Beijing Institute of Technology, China