

PREFACE



A Message from the Chairman

Alhamdulillah, I am grateful to Allah S.W.T as our symposium can be held in 2015 organized by Konsorsium Riset Geopolimer Indonesia (KORIGI). The symposium is a reference for all participants, academicians, industries and professional to understand and develop research on geopolymers. The outcome of this event is also published in Material Science Forum, indexed by SCOPUS. Co-operation between Indonesia and Malaysia becomes more important, particularly in the development of application of geopolymers materials. As expected, many participants contributed their paper, expertise and idea to ensure the event successfully performed. Starting from MIGS-1, which was held in Kuala Lumpur, Malaysia, more than 50 scientific papers (6 from Indonesia) were published at a reputable international journal. This year, 31 papers were received from three countries: Indonesia (21 papers), Malaysia (9 papers) and Ethiopia (1 paper). About 86 general participants joined this scientific event. More participants from industry also registered. MIGS2 involves the sharing of expertise and experiences in many aspects. The objectives of the event are to promote understanding and updating of geopolymers science, applications and composition. It is also disseminations for initiation and support of international collaborative activities for development of research and technology relating to various aspects of green materials. Finally, I would like to convey my appreciation to Ministry of Research and Higher-Education Republic of Indonesia, PT Semen Indonesia, PT Kasmaji Inti Utama, the steering committees, organizing committees, KORIGI members, ITS, UK Kristen Petra, Universitas Negeri Malang, Universitas Negeri Makassar, Universiti Malaysia Perlis and Center of Excellence Geopolymer & Green Technology (CEGeoTech). Without any collaborations, improving the performance and high quality of research is impossible. I do hope that our continuous effort and partnership can produce great contributions to our society.

Thank you

A handwritten signature in blue ink, appearing to read "Januarti Jaya Ekaputri".

Dr. Eng. Januarti Jaya Ekaputri
Chairman

COMMITTEES

Chairman	: Januarti Jaya Ekaputri , Institut Teknologi Sepuluh Nopember, Surabaya, Indonesia
Vice Chaiman 1	: Antoni , Petra Christian University, Surabaya, Indonesia
Vice Chaiman 2	: Ervina Ahyudanari , Institut Teknologi Sepuluh Nopember, Surabaya, Indonesia

STEERING COMMITTEE:

1. **Priyo Suprobo**, Institut Teknologi Sepuluh Nopember, Surabaya, Indonesia
2. **Djwantoro Hardjito**, Petra Christian University, Surabaya, Indonesia

INTERNATIONAL SCIENTIFIC COMMITTEE

1. **Subaer**, Universitas Negeri Makassar, Indonesia
2. **Mohd Mustafa Al Bakri Abdullah**, Universiti of Malaysia Perlis, Malaysia
3. **Iswandi Imran**, Institut Teknologi Bandung, Indonesia
4. **Bambang Sunendar Purwasasmita**, Institut Teknologi Bandung, Indonesia
5. **Mitsuhiko Shigeishi**, Kumamoto University, Japan
6. **Toshifumi Mukunoki**, Kumamoto University, Japan
7. **Che Mohd Ruzaidi Ghazali**, Universiti of Malaysia Perlis, Malaysia
8. **Nguyen Van Chanh**, Ho Chi Minh City University of Technology, Vietnam
9. **Tran Van Mien**, Ho Chi Minh City University of Technology, Vietnam
10. **M. Sigit Darmawan**, Institut Teknologi Sepuluh Nopember, Surabaya
11. **Faimun**, Institut Teknologi Sepuluh Nopember, Surabaya, Indonesia
12. **Nurhayati**, Universitas Negeri Makassar, Indonesia
13. **Benny Suryanto**, Heriot-Watt University, United Kingdom
14. **Monita Olivia**, Riau University, Indonesia
15. **Himawan Tri Bayu Murti Petrus**, Universitas Gajah Mada, Indonesia
16. **Andoko**, Universitas Negeri Malang, Indonesia
17. **Ridho Bayuaji**, Institut Teknologi Sepuluh Nopember, Surabaya, Indonesia
18. **Triwulan**, Institut Teknologi Sepuluh Nopember, Indonesia
19. **Dwi Indriyani**, Institut Teknologi Sepuluh Nopember, Surabaya, Indonesia
20. **Puput Risdanareni**, Universitas Negeri Malang, Indonesia
21. **Hamzah Fansuri**, Institut Teknologi Sepuluh Nopember, Surabaya, , Indonesia
22. **Tri Eddy Susanto**, PT Semen Indonesia
23. **Partogi Simatupang**, Universitas Cendana, Kupang, Indonesia
24. **Abdul Haris**, Universitas Negeri Makassar, Indonesia