

# Call for Paper

## The 3<sup>rd</sup> International Seminar on Science and Technology (ISST) 2017

The 3<sup>rd</sup> ISST 2017 is organized by graduate program of Chemistry Department ITS. ISST is a place to share experiences, dissemination of research, and ideas from various stakeholders for sharing the development of environmental friendly science and technology for creative innovation. The theme of ISST 2017 is **Green Science and Technology for Creative Research**. The selected paper of ISST will be published in Malaysian Journal of Fundamental Applied Sciences (MJFAS) indexed by Thomson Reuters.

### Important Dates

Abstract submission	9 June 2017
Notification of abstract acceptance	16 June 2017
Full paper submission	30 June 2017
Early bird registration payment	23 June 2017
ISST seminar	3 August 2017

Online registration and other details information are available at <http://isst.its.ac.id/>

## Save the date!

### The 3<sup>rd</sup> International Conference on Civil Engineering Research (ICER) 2017

The 2017 AUN/SEED-Net Regional Conference on Civil Engineering (RCCE) will be hosted by Civil Engineering Department of Institut Teknologi Sepuluh Nopember (ITS). This regional conference will be held in coinciding with the 3<sup>rd</sup> International Conference on Civil Engineering Research (ICER) as an annual event which is dedicated mainly to the scientists and researchers in Civil Engineering or related areas.

The main theme for this year's conference is Contribution of Civil Engineering towards Smart and Sustainable Infrastructure.

### Important Dates

Abstract submission	14 April 2017
Accepted abstract notification	21 April 2017
Full paper submission	15 May 2017
Accepted full paper notification	15 June 2017
Deadline of camera-ready paper	15 July 2017
Conference	01-02 August 2017

Registration and other conference details are regularly updated at <http://iccer.ce.its.ac.id>

# IconISE

The International Conference on Industrial and System Engineering

IconISE 2017

29 - 31

August 2017 | Denpasar, Bali  
Sanur Paradise Plaza Hotel & Suites  
[www.iconise.its.ac.id](http://www.iconise.its.ac.id)

The IconISE 2017 conference aims to provide a forum for leading scholars, academicians, researchers, and practitioners to reflect current issues, challenges, and opportunities by discussing the latest innovative research and practice in the field of Industrial Engineering, System Engineering, and related disciplines which will be held in Denpasar, Bali, Indonesia. The conference theme is Enhancing Industrial Resilience through Disruptive Innovation.

### Critical Dates:

Abstract Submission Deadline	30 April 2017
Announcement of Abstract Acceptance	10 May 2017
Full Paper Submission Deadline	10 June 2017
Announcement of Full Paper Acceptance	19 June-1 July 2017
Final Paper Submission	06 July 2017
Early Bird Registration	19 June-13 July 2017
Latest Day of Registration	07 August 2017
Conference Date	29-30 August 2017
Conference Tour	31 August 2017

Online registration along with other details are available at <http://iconise.its.ac.id/>



## Ready-Set-Go: Season 8 Volunteer Recruitment

Back in 2012, ITS International Office was lacking numbers of human resources. Therefore, Dr. Maria Anityasari initiated to open the series of student volunteer recruitment from students which are called as "season". The volunteer main assignment is to assist all activities in International Office.

We are now entering the 8<sup>th</sup> season. The applicants are coming from various backgrounds and batches who competing to pass the selections that consist of of written test, project, interview and intern period before they officially become a volunteer. The applicants should learn about volunteering principles and required skills to work in the office, as well as internationalization in ITS and world wide.

After completing the written test, the best selected 90 candidates participated at the project stage. They are divided into fifteen groups to execute the project to encourage the urgency of internationalization among students within 10 (ten) days.

The project's result is presented by the candidates with full of enthusiasm in front of the panelists. Finally, after a tight selection process, they were 66 candidates that participated at interview stage to join the next selection process. Now, there are 43 candidates joining on the job training (OJT) stage.

Good luck to all candidates!

## Call for Paper

### International Seminar on Intelligent Technology and Its Application (iSITIA) 2017

The (iSITIA) International Seminar on Intelligent Technology and Its Application (iSITIA) has been routinely organized by Department of Electrical Engineering - Institut Teknologi Sepuluh Nopember (ITS) Indonesia since 1999. The goal of the seminar is to facilitate researchers around the world to publish and to share their current research by exchanging information on research and technology trends for further discussion on future collaborative research topics.

This year, iSITIA is held in conjunction with an annual Regional Conference on Electrical and Electronic Engineering (RCEEE) 2017 sponsored by JICA for AUN/SEED-Net with the theme of **Strengthening the Link between University Research and Industry to Support ASEAN Energy Sector**.

### Important Dates

Submission Deadline	12 May 2017
Notification of Acceptance	16 June 2017
Final Manuscript	30 June 2017
Main Conference	28 - 29 August 2017

Should you need any further inquiries and questions, please kindly feel free to visit our official website at <http://isitia.its.ac.id/new2017/>

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content and design by:  
IO-ITS Team



medfo io  
@yao2114f  
ITS\_IO

### ITS INTERNATIONAL OFFICE

Rectorate Building, 1st floor  
ITS Campus, Sukolilo, Surabaya  
INDONESIA - 60111  
Phone: +62-31-5994251 EXT 1224  
Phone/Fax: +62-31-5923411  
E-mail: [international@its.ac.id](mailto:international@its.ac.id)

[www.international.its.ac.id](http://www.international.its.ac.id)  
facebook/oiots  
itsinternationaloffice



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## hello from ITS!

Greeting from Surabaya,

ITS Surabaya has made a fundamental transformation in 2017 to be a fully autonomous university. There are three strategic objectives to be achieved by ITS, namely transformation into an autonomous university, increasing contributions to the nation through academic quality excellence, research and innovation, as well as to become a world-class university.

To achieve the objectives, ITS Surabaya has decided to set research, innovation, and the internationalization of the academic program to be a vehicle towards world-class university. In this respect, strengthening multi-disciplinary research, the transformation of research's results into product innovation and creating a sound international academic environment are the utmost importance to be done.

The development of Science and Technopark (STP) is expected to be a bridge in strengthening the capacity of ITS in converting research's results into innovative products. STP is designed to be a cooperation media between academia, business sector, and the government that involve in nation-building. Thus the concept of the triple helix can be created.

The areas of cooperation, innovation, alumni and international relations are the motors in accelerating the development of ITS into world-class universities. The creation of a global vision by strengthening mobility of faculty, academic staff, and students is one of the main programs for the academic environment. Acceleration of international classes needs to get support and incentives, so that, ITS's determination to become a world-class university can be realized. At the same time, ITS has committed to strengthening cooperation with universities in Indonesia, especially with 35 universities involved in the EPI-UNET consortium (Eastern Part of Indonesia University Network).

That future pathway of ITS will not be easily achieved without the cooperation from all the academic community in ITS and without the support and cooperation of all partners including ITS alumnies, industries, universities abroad as well as the government. Within the heroic spirit of Surabaya, ITS has the confident to be the university that contributes to the nation and on part with other advanced universities abroad.

**Prof. Dr. Ketut Buda Artana ST MSc**  
Vice Rector for Innovation, Partnership, and International Relationship.



### In this edition:

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## Strengthening Partnership

### Asia Pacific Association for International Education (APAIE) 2017

Institut Teknologi Sepuluh Nopember (ITS) took a part in Asia-Pacific Association for International Education (APAIE) 2017 which was held on March 20<sup>th</sup>-23<sup>rd</sup>, 2017 at Kaohsiung, Taiwan. APAIE is one of the leading annual education exhibition & conferences. Along with several Indonesian universities which are led by the Ministry of Research, Technology & Higher Education. ITS has dispatched their representative from International Office, Dr. rer.nat Maya Shovitri (Deputy Director of ITS International Office for Admission & Mobility) & Mr. Muh. Wahyu Islami PM, S.T. (CommTECH & Study Abroad Program Manager - ITS International Office). The aim of this event is to provide international networking between Higher Education, including the Ministry in order to strengthen the collaboration in education.

ITS representatives met several partners abroad in order to explore more opportunity to make new collaborations and to strengthen the cooperation among parties. JWGEA (Joint Workshop for Global Engineers in Asia) Consortium Members, Mahidol University, Hochschule Darmstadt University of Applied Sciences & Germany, Universiti Malaysia Pahang (UMP), National Central University (NCU) Taiwan are some of the ITS's close partners. In the meantime, several new partners are currently processing to become ITS partners, such as Gyeongsang National University (GNU)-South Korea, China University of Technology-Taiwan, Universite de Technologies de Troyes (UTT)-France, SUP Biotech-France and many more. This event surely opens the door for ITS to start a collaboration with other universities worldwide.



## Internationalization for All

### Internationalization Workshop in Pattimura University, Ambon

Eastern Part of Indonesia University Network (EPI-UNET) forum has been established since 2004 as a communication forum to advance collaborations related research, quality assurance and internationalization. EPI-UNET was started by ITS collaborating with 35 universities in the Eastern part of Indonesia. In 2016, EPI-UNET organized Presidential Forum in ITS to redress the limited resources of universities in the Eastern part of Indonesia to be able to move forward together for the national interest. As the follow-up of Presidential Forum, ITS and EPI-UNET member has initiated to do the collaboration including internationalization workshop with Universitas Pattimura (UNPATTI) in Ambon on March 14<sup>th</sup>, 2017.

The workshop was opened by Vice Rector of UNPATTI and followed by Dr. Maria Anityasari on the introduction of internationalization. The agenda continued with further discussions about technical matters related to the internationalization in ITS and related program which was developed in UNPATTI and other EPI-UNET members.

On the second session, student volunteers of IO-ITS delivered the presentation about internationalization and global competence in the student level such as Why We Should Go Global, Indonesia Qualification Framework, Internationalization Chance for Students, Individual Preparation to Brace Internationalization and Volunteering in ITS IO. This workshop aimed to raise students awareness in the eastern part about internationalization and to prepare Maluku to face the internationalization.



**Ms. Nathalie Aubourg**  
University of Vienna, Austria

A very young cooperation between the ITS, Surabaya, and the University of Vienna, Austria, allowed 18 of us, Master students in Cultural and Social Anthropology in Vienna, to get immersed in the Indonesian cultural life for 3 weeks.

As anthropologists, the core of our work consists in living with the people and participate in their daily activities in order to grasp the manifold meanings of cultural and social codes. I was assigned with two of my colleagues to the Kampung Ketandan, which lays next to the Kampung Kebangsren in the city centre of Surabaya. The contrast between the more traditional way of life in smaller houses, the community's life around the pendopo and the modern buildings was stunning. Against all odds, linking the modern and local infrastructure seem to contribute to an increased quality of life in the kampung. The local community sets a strong emphasis on preserving the habitat through active involvement and consideration for the inhabitants. The growing political implication of the youth adds on to a scope that focusses on living and connecting to traditional values and enhances the education of future generations.

**Dr. Gabriele Weichart**  
Faculty Member

From 19<sup>th</sup> March to 19<sup>th</sup> April 2017, a group of eighteen Master students from the Department of Social and Cultural Anthropology at the University of Vienna/Austria, accompanied by a senior lecturer and a PhD student, had the chance to learn about East Javanese society and culture in the city of Surabaya and its surroundings.

The highlight, but also the most challenging experience of these intensive three weeks was a one week 'field exploration' in one of eight selected kampungs. During that time, the students were hosted by families in private houses and, despite considerable language barriers, they engaged lively with the local communities and, this way, experienced cultural differences at first hand. Furthermore, each group of 2-3 students had to collect information about a specific topic that was related to an identified issue or problem in the development agenda of their particular kampung. The final presentations about their experiences and findings, which were held at the individual kampungs as well as at ITS, revealed the diversity and complexity of kampung life in Surabaya. They showed once more that there is no 'one fits all' solution when we strive for sustainability in socio-cultural, economic or political programmes even on a very local basis.



# ITS — University of Vienna

## Anthropology Exploration of Surabaya's Kampungs 2017

Institut Teknologi Sepuluh Nopember (ITS) and University of Vienna, Austria have successfully organized a three-weeks short program entitled "Anthropology Exploration of Surabaya's Kampungs 2017" on March 19<sup>th</sup> – April 9<sup>th</sup>, 2017. There are 18 students from the University of Vienna who participate in this program together with 9 ITS students. Dr. Gabriele Weichart & Mr. Mag. Karl Markus Steven, the researcher from the University of Vienna, Austria also attended this program.

The participants explored about kampungs in Surabaya during this program. They saw from their perspective about how kampung developed. All participants did "live in" Kampung with the local citizen. It helped them to see how the daily activities in Kampung, the interaction among people and problem they found during their "live in" Kampung.

The students also visited several slump areas as the comparison case and visited several Surabaya City Councils to get insight from Government's perspective. In the end of this program, the participants presented their idea to develop the Kampung in front of Kampung people and Government. There was a mini poster exhibition to show what they have worked so far. Many ITS students came to this exhibition to discuss the findings. This is truly impressive program.



## Testimony of Participants from ITS

**Dela Erawati**  
Architecture Dept, Undergraduate Students

This is my first experience to participate in ITS International Program, Anthropology Exploration of Surabaya's Kampungs. I was nervous and afraid because one of our duties become a mediator between Vienna students and people in Kampung. It turned out better than I expected. Through this program, it also becomes an opportunity to reveal uncover part of Surabaya especially about the Kampung. Definitely, it was a great chance for me to explore and discuss several ideas with Vienna students. I can discover their perspective on how they think about Indonesia, Surabaya, and Kampung.



## Open your career abroad: Asia-Europe Meeting (ASEM)

## Work Placement Programme

Institut Teknologi Sepuluh Nopember (ITS) is participating in the ASEM Work Placement Programme under the Indonesian Ministry of Research, Technology and Higher Education along with other 10 (ten) universities in Indonesia, such as: Universitas Indonesia (UI), Gadjah Mada University (UGM), Padjadjaran University (UNPAD), Sebelas Maret University (UNS), Diponegoro University (UNDIP), Brawijaya University (UB), State University of Padang (UNP), Hasanuddin University (UNHAS), Universitas Airlangga (UA) and Bina Nusantara University (BINUS).

The ASEM Campus Road show was held at ITS on March 15<sup>th</sup>, 2017 by Ms. Martina Link from Karlsruhe University, Germany who explained about the strategy how to get an internship at the prestigious companies in Germany. ASEM (Asia-European Meeting) is a dedicated forum among Asian and European countries, which is launched as ASEM Work Placement Pilot Programme (AWP), a work-based experience mobility program that provides opportunities for students to gain international work experience and discover the world of work in a different region and culture within two to six months period. The work place will provide mentor during internship. The participating countries in this network include Germany, Belgium, Brunei Darussalam, Thailand and Indonesia.



In hence to the above scheme, ITS career center has developed an internship program for students which enables them in improving communication skill, establishing network and extending their competencies for the possibility of employment. The undergraduate and master students are eligible to apply for this program and students from Belgium and Germany are also welcome to do the internship at ITS partner companies in Indonesia.

It is expected that ITS will be able to establish international links and strategic alliances via Career Center to accommodates the student's interest with more opportunities in the future.

Please visit the official URL of career center for more information at <https://careers.its.ac.id/>

## World Class Professor (WCP) Program

The Indonesian Ministry of Research, Technology and Higher Education (KEMRISTEK-DIKTI) has developed an exquisite program which is named as a World Class Professor (WCP). This program is designed to support KEMRISTEKDIKTI in the implementation of the 2015 – 2019 strategy. The program activities aim at enriching the research capacity and capability of Indonesian Faculty Members among respected research universities.

In this edition, several different perspectives taken from the faculty members of ITS who involved in this program will be highlighted.



Prof. Gamantyo Hendrantoro



Dr. Kriyo Sembodho



Dr. Trika Pitana

### ITS as An Autonomous University (PTNBH)

The vision and mission of ITS PTNBH by Statute 2015 provides some important keywords, which is an internationally reputed university, international-quality teaching methods, the development of science and technology through research of international quality, and networking activities. In general, the achievement of quality and international reputation can be accelerated if ITS has a world-class professors with research productivity in advanced level that is widely recognized. Direct interaction between professors and ITS lecturers or students through research activities will allow the dialogue and knowledge transfer naturally, emulate the responsibilities, conduct academic, logical thinking, work ethic, integrity, professionalism, and science capacity which can stimulate the growth of creativity and innovation in ITS.

### ITS as A World Class University

The program was officially announced on March 21st, 2017 in Jakarta. The program is addressed to improve the research quality at university, especially, the 11 (eleven) state universities that are being targeted by KEMRISTEK DIKTI to be admitted into QS 500 world best university ranking. This program is related with ITS to be a World Class University by inviting world-class professors in joint research, joint publication and escalate international academic climate in ITS.

The effectiveness of these programs may not be seen within a short time. However, with the massive publicity through the internet, the least expected number of visitors to its.ac.id domain will rise significantly along with this program. Although it is not an indicator of QS, but in the world ranking according to Webometrics version it will be highly considered.

### Internationalization and Partnership at ITS

One of the World Class University indicators is the increasing number of international publications owned by the teaching staffs at ITS. Hopefully, the WCP program will encourage the teaching staff at ITS for future cooperation in research as well as produce high quality publications in international journals. On the other way, WCP program will improve and strengthen the cooperation among ITS and partner universities abroad. WCP program is expected to support the acceleration of higher education transformation into a world-class university. This program strongly encourages cooperation between lecturers or professors at ITS with a professors or researchers who has a highly reputable publication worldwide.

## Building an Internationalization Spirit: Liaison Officers (LO) Enhancement

Internationalization in university level requires support from the management, students, lecturers and administrative staffs as well as the environment. The harmonization of all resources is expected to boost the spirit of conducting internationalization. Along with the journey, the Liaison Officers (LO) have been appointed to improve the performance of each department at ITS from March 2016.

One year later, on March 2017, all LOs were gathered for a discussion. During the meeting, refreshment about job description and milestones were delivered. Activities such as providing assistance and report about internationalization are the main duties of each LO.

The areas that need the role of LOs including student mobility (both inbound and outbound), MoU & MoA initiation (both top down and bottom up initiations), international visitations, international activity (such as international accreditation, international workshop/conference, etc), the English as the Medium of Instruction (EMI) classes, and coordination.

An online report system has been created to enable all departments have complete data. With a defined schedule, every 3 months, the data is updated by figuring out the active international activities within the department. The data will be used for many purposes such as reporting to the Ministry of Research, Technology and Higher Education as well as an important database to be submitted to the world ranking organization such as QS, THE and so forth.

