



BERITA PENELITIAN & PENGABDIAN KEPADA MASYARAKAT

Assalamu'alaikum Wr. Wb.

Para pembaca BPPM ITB yang budiman,
BPPM Edisi Bulan Maret 2007 kembali hadir dengan Berita Terkini yang memuat Hasil Penelitian Riset Unggulan ITB Tahun 2006, dalam kolom Penelitian memuat beberapa beasiswa di Luar Negeri. Berita lainnya dalam kolom Pengabdian Kepada Masyarakat berupa undangan mengikuti Seminar, Kursus/Pelatihan dan lainnya, serta ditutup dengan Publikasi Internasional dan Peristiwa.

Pengasuh mengucapkan Selamat Tahun Baru Saka 1929 dan Selamat Memperingati Maulid Nabi Muhammad SAW 12 Rabiul Awal 1428H bagi para pembaca yang merayakan, semoga di tahun ini dan mendatang kita semua diberi kesehatan, keselamatan dan kesuksesan selalu, amiin.

Guna melengkapi informasi, Tim Pengasuh BPPM tetap setia menerima berita dan foto-foto dari para pembaca tentang kegiatan penelitian, pengabdian kepada masyarakat maupun publikasi lokal, nasional ataupun internasional. Kritik dan saran untuk kemajuan BPPM kita tercinta, juga selalu kami harapkan.

Selamat membaca.

Wassalamu'alaikum Wr. Wb.

Pengasuh



Hasil Penelitian RU ITB 2006 berjudul '**Rekayasa Rumah Murah Pracetak Tulangan Bambu Teknologi Sederhana**' oleh Andry Widyowijatnoko, ST., MT. dari KK Teknologi Bangunan SAPPK. Gambar di atas menunjukkan proses pelaksanaan penelitian dimana elemen beton pracetak tulangan bambu (2 foto paling atas kiri) dikombinasikan dengan beton pracetak tulangan baja (kiri bawah) menjadi rumah pracetak untuk tujuan *low cost housing*.

DAFTAR ISI

BERITA UTAMA	2
Rekayasa Rumah Murah Pracetak Tulangan Bambu Teknologi Sederhana	2
PENELITIAN	2
Undangan Pengajuan Makalah, Proposal, dan Beasiswa	2
* The Okazaki Kaheita International Scholarship Foundation 2008	2
* Eco-Mind Forum 2007	2
* The Trieste Science Prize	3
* TWAS Prizes	3
* Program Beasiswa STuNed (Studeren in Netherlands) dan NFP (Netherlands Fellowship Program)	3
* Habibie Award	4
PENGABDIAN KEPADA MASYARAKAT	4
Undangan Seminar, Kursus, dan lainnya	4
* 4 th Katingen Physics Forum 2007	4
* International Conference on Neutron and X-Ray Scattering 2007	5
* International Conference on Electrical Engineering and Informatics (IEEI - 2007)	5
PUBLIKASI INTERNASIONAL	6
PERISTIWA	6
* Field Wise Seminar AUN/SEED-Net 2007	6
* Dua Mahasiswa Jerman Menyelesaikan Penelitian di ITB	6

Diterbitkan oleh
KANTOR WAKIL REKTOR
BIDANG PENELITIAN DAN KEMITRAAN /
LEMBAGA PENELITIAN DAN
PENGABDIAN KEPADA MASYARAKAT
INSTITUT TEKNOLOGI BANDUNG
(KANTOR WRLM/LPPM-ITB)

Penanggung jawab: WRLM/Ketua LPPM-ITB

Ketua: **Andry Widyowijatnoko, ST., MT. (AR-ITB)**

Anggota: 1. Ardy Sunaryo (Editor)

2. Nina Maria, SSi.

3. Ade Suherwan

Alamat

LPPM-ITB
Gedung Rektorat-ITB, Lantai 5
Jl. Tamansari No. 64, Bandung 40116
Telp: (022) 250-3602, 250-3253
Fax: (022) 250-3253, 251-1215

e-mail: lp@lppm.itb.ac.id, pm@lppm.itb.ac.id

e-mail editor: rhs@lppm.itb.ac.id

website: <http://www.lppm.itb.ac.id>

Rekayasa Rumah Murah Pracetak Tulangan Bambu Teknologi Sederhana

Andry Widwijatnoko dan Lily Tambunan
Kelompok Keahlian/Keilmuan Teknologi Bangunan
Program Studi Arsitektur
Sekolah Arsitektur, Perencanaan dan Pengembangan
Kebijakan ITB

Abstract

The housing need is one of the elementary human needs. The need is increasing each year as the increase of the population and urbanization in urban area. Beside that, the natural disaster that attacked Indonesia recently, is also increasing the need of the house in emergency cases.

This engineering research of prefabricated low cost housing using bamboo reinforcement and appropriate technology is one of the efforts to give an alternative house construction technology, which exploiting bamboo potential as replacement for steel reinforcement. Basically, this research is an explorative research in design and implementation on the building material, prefabricated building components, casting equipment and method, and assembling or erection process.

The result of this research is a prototype of prefabricated building, which use prefabricated components with steel reinforcement for structural element and bamboo reinforcement for architectural element such as partition wall panel, formwork panel and door-window frame. Beside that, the result of this research is also the design criteria for this specific construction system, the casting equipment and method, and also the method of erection.

Prefabricated house prototype, which is using bamboo reinforcement for architectural component, apparently enable it to be used as an alternative of a mass house construction with self-help housing system, because within the casting technology and its erection is relatively easy to do. Moreover, after the reparation on the design and its implementation based on the experience of the previous construction, the system will be much easier to do and have a better performance.



I UNDANGAN PENGAJUAN MAKALAH, PROPOSAL, DAN BEASISWA

1 *The Okazaki Kaheita International Scholarship Foundation 2008*

Program Magister di Jepang: *The Okazaki Kaheita International Scholarship Foundation* untuk tahun akademik 2008.

Persyaratan yang harus dipenuhi terdiri dari :

1. Warga Negara Indonesia dan tinggal di Indonesia pada tanggal 1 April 2007
2. Berusia di bawah atau tepat 25 tahun pada tanggal 1 April 2008
3. Telah lulus atau akan lulus program S1 pada tanggal 31 Maret 2008
4. Surat rekomendasi dari supervising professor yang berisi the academic performance, personality, and future prospects of the applicant
5. Surat rekomendasi dari perusahaan tempat bekerja (apabila telah bekerja)
6. Surat keterangan sehat dari dokter (dalam bahasa Inggris)
7. Program studi yang dipilih harus sama dengan program studi S1
8. Transkrip nilai akademik
9. Mengisi formulir aplikasi yang dapat diperoleh di Kantor International Student Office (ISO) ITB di Gedung Labtek VI Lt. 1, Jl. Ganesha 10 Bandung

Kelengkapan berkas aplikasi diserahkan ke Kantor ISO paling lambat tanggal **12 Maret 2007**.

Informasi lebih lanjut mengenai program ini, dapat langsung menghubungi o.shimomura@ana.co.jp atau diakses melalui <http://www.okazakizaidan.or.jp/>

2 *Eco-Minds Forum 2007*

Eco-Minds Forum 2007 akan diselenggarakan di **Thailand** pada tanggal **31 Mei s.d. 3 Juni 2007**. *Eco-Minds* merupakan program bagi kaum muda dengan ide-ide kreatif yang memanfaatkan ilmu pengetahuan dan teknologi untuk menjawab tantangan pembangunan berkelanjutan.

Persyaratan yang harus dipenuhi untuk mengikuti program ini adalah :

1. Mahasiswa yang berusia 18-24 tahun pada bulan Mei 2007, menyertakan foto copy KTP.
2. Menulis essay dalam bahasa Inggris sebanyak tidak lebih dari 1.000 kata mengenai A Sustainable River Basin, dengan memilih salah satu topik berikut :
 - Resource-population dynamics and interactions
 - Short term versus long term sustainability
 - Consequences if things continue at current trends
 Essay yang ditulis memuat ide-ide berikut :
 - What can be done to sustain a river basin?
 - What individuals can do to sustain a river basin?
 Diketik pada kertas A4 dan 1,5 spasi.
3. Mengisi formulir aplikasi secara lengkap.

Informasi lebih lanjut dan formulir aplikasi mengenai program ini dapat diakses di alamat website: www.eco-minds.com .

Bagi mahasiswa yang berminat, dapat mengirimkan langsung ke alamat :
Eco-Minds Competition, Corporate Communications
PT Bayer Indonesia MidPlaza I, 12th floor
Jl. Jenderal Sudirman Kav. 10-11 - Jakarta 10220
Paling lambat tanggal **31 Maret 2007** .

3 The Trieste Science Prize

TWAS and Illycaffè s.p.a. have instituted high-level prizes to honour distinguished scientists from developing countries. The Trieste Town Council and the Trieste International Foundation for Scientific Progress and Freedom are collaborating in this effort.

The prize has been named **Trieste Science Prize** in recognition of the unique and fundamental role that the Trieste System of scientific institutions plays in promoting science and technology in the developing world.

Purpose

The prize has been established in response to the need to give international recognition and visibility to outstanding scientific achievements made by individual scientists from the developing countries.

Nature

Two prizes are awarded annually; they rotate among the various fields of science:

2007: Chemical Sciences and Agricultural Sciences

Each prize carries a monetary award of US\$50,000 that has been generously contributed by Illycaffè s.p.a. Recipients also receive a trophy and a certificate highlighting the major contributions for which the prize is awarded.

Recipients will be honoured each year at a special occasion arranged by TWAS, Illycaffè s.p.a., and the Trieste Town Council.

Eligibility

Candidates must be nationals of developing countries, working and living in the South.

Prizes will only be awarded to individuals for scientific research of outstanding international merit carried out at institutions in developing countries.

Individuals who have received the Nobel Prize, the Tokyo/Kyoto Prize, the Crafoord Prize or the Abel Prize will not be eligible.

Nominations

Nominations should be submitted on the Trieste Science Prize nomination form and clearly state the contributions which the candidate has made towards the development of the field of science for which the award will be given.

Nominations should be accompanied by a 5-6 page biographical sketch of the nominee including his/her major scientific accomplishments, pre-prints of not more than 20 of the candidate's most significant publications and a complete list of publications. A brief professional C.V. of the candidate may also be included.

Nominations are invited from selected individuals (including TWAS members), science academies, national research councils, universities and scientific institutions. Self-nominations will not be accepted.

Call for Nominations

The deadline for receiving nominations for the 2007 prizes (in Chemical Sciences and Agricultural Sciences) is **31 March 2007**.

Nomination forms are available for download at www.twas.org

Nominations for the 2007 prizes should be sent to:

Prof. Mohamed H.A. Hassan,
Executive Director, TWAS, c/o ICTP
Strada Costiera 11, 34014 Trieste, Italy.

4 TWAS Prizes

The "TWAS Prizes" will be awarded to individual scientists in developing countries in recognition of outstanding contributions to knowledge in eight fields of science.

The "TWAS Prizes" evolved from two pre-existing award schemes: TWAS Awards in Basic Sciences, instituted in 1985, to recognize and support outstanding achievements

made by scientists from developing countries, and TWANSO Prizes in Applied Sciences, awarded since 1990 by the Third World Network of Scientific Organizations, in the fields of agriculture and technology.

Nature

Every year, one prize is awarded in each of the following fields: biology, chemistry, mathematics, physics, agricultural sciences, earth sciences, engineering sciences, and medical sciences.

Each prize consists of US\$10,000 and will be accompanied by a plaque inscribed with the recipient's major contributions.

Prizes are usually presented on a special occasion, often coinciding with the General Meeting of TWAS.

Eligibility

Candidates for the prizes must be nationals of developing countries, working and living in the South, who have made significant contributions to the advancement of science.

Members of TWAS are not eligible for the prizes.

Nominations

TWAS is inviting nominations from all its members as well as science academies, national research councils, universities and scientific institutions in developing and developed countries.

Nominations must be made on the nomination form and clearly state the contributions the candidate has made to the development of the particular field of science for which the prize would be awarded.

A complete list of the nominee's publications is also required.

Nominations for the 2007 prizes must be submitted to the address shown below by **31 March 2007**. Nominations arriving later will be considered in the following year.

Nominations remain active for three years, including the year of nomination. After that time, candidates must be renominated. Nomination Form can be downloaded at www.twas.org.

Selection

Selection of the awardees is made solely on scientific merit. Academy members are appointed in each field to evaluate the nominees. The committees will in particular evaluate:

1. The total impact of the nominee's work on the present state of science in his/her field of research
2. Achievements of an unusually significant nature in relation to the potential effects of such achievements on the development of scientific thought
3. Unusually distinguished service in the general advancement of science, accompanied by substantial contributions to the content of science at some time
4. Recognition by peers within the scientific community
5. Contributions to innovation, industry and human welfare in developing countries.

Inquiries

Inquiries and completed nomination forms should be addressed to:

TWAS Prizes
c/o ICTP, Strada Costiera 11
I-34014 Trieste, Italy
Phone: +39 040 2240-387
Fax: +39 040 224559
E-mail: prizes@twas.org

5 Program Beasiswa STuNed (Studeren in Nederlands) dan NFP(Netherlands Fellowship Program)

Netherlands Education Centre (NEC), Belanda membuka Program Beasiswa STuNed (Studeren in Nederlands) dan NFP(Netherlands Fellowship Program). Program ini ditujukan bagi mahasiswa S2, S3 dan short courses.

Persyaratan umum

1. Lulusan S1 atau setingkat
2. IPK minimal 2.75

3. ITP TOEFL 550 atau IELTS 6 atau CBT 213
4. Memiliki pengalaman kerja minimal 2 tahun pada institusi yang terakhir
5. Maksimum usia 40 tahun untuk pria dan 45 tahun untuk wanita (khusus STuNed)
6. Diterima di salah satu program studi di universitas/institusi pendidikan tinggi di Belanda (memperoleh *admission letter*)

Informasi lebih lanjut mengenai program ini, dapat langsung menghubungi salah satu *scholarship officer NEC* di nomor 021-5290 2172 atau diakses melalui <http://www.nec.or.id/>.

6 **Habibie Award**

Penghargaan diberikan kepada perorangan atau badan yang dinilai sangat aktif dan berjasa besar dalam menemukan, mengembangkan, dan menyebarkan berbagai kegiatan IPTEK yang baru (innovative) serta bermanfaat secara berarti (significant) bagi peningkatan kesejahteraan, keadilan, dan perdamaian. Penghargaan diberikan oleh Yayasan Sumber Daya Manusia dalam Ilmu Pengetahuan dan Teknologi (Yayasan SDM - IPTEK). Penghargaan diberikan setahun sekali setiap tanggal 10 Agustus yang bertepatan dengan Hari Kebangkitan Teknologi Nasional (HAKTEKNAS).

Bidang keilmuan yang diberikan penghargaan :

1. Ilmu Dasar
2. Ilmu Kedokteran dan Bioteknologi
3. Ilmu Rekayasa
4. Ilmu Sosial, Ekonomi, Politik dan Hukum
5. Ilmu Filsafat, Agama dan Kebudayaan

Penghargaan diberikan dalam bentuk **Medali, Piagam dan Cheque** senilai US\$ 25.000 (dua puluh lima ribu dolar Amerika).³

Pengusulan atau nominasi bisa dilakukan oleh Akademi Ilmu Pengetahuan Indonesia (AIPI), Dewan Riset Nasional (DRN), perguruan tinggi negeri atau swasta, lembaga ilmu pengetahuan atau badan riset, organisasi profesi dan cendekiawan, Kamar Dagang dan Industri dan perwakilan/Kedutaan Besar RI di luar ataupun Perwakilan/Kedutaan Besar Negara Sahabat di Indonesia dan perseorangan.

Nominasi dilakukan dengan cara mengajukan nama calon kepada Pengurus Yayasan paling lambat **5 Juli 2007**; dengan dilampirkan riwayat hidup dan mengisi formulir khusus yang disediakan untuk menerangkan mengenai prestasi dan jasa - jasa yang bersangkutan di bidang iptek.

Informasi lebih lanjut hubungi Yayasan SDM-IPTEK di :
Gedung *The Habibie Center*
Jl. Kemang Selatan no. 98, Jakarta Selatan 12560
Telp. : 021-7817211, Faks. : 021- 7817212
E-mail : sdmiptek@habibiecenter.or.id
URL : <http://www.habibiecenter.or.id>



UNDANGAN SEMINAR, KURSUS DAN LAINNYA

1 **4th Kenting Physics Forum 2007** **"Physics Contribution for Renewable Energy Developments"**

Kenting Physics Forum is a biannual conference on *Physics and Its Application*. 4th KPF will be held in **Surakarta, Indonesia** in **July 28, 2007**, focus on *Renewable Energy Development*. This conference provides a forum for the Indonesian and international community to meet and discuss

topics related to renewable energy development. In addition the conference attempts to reformulate the direction of energy development in Indonesia.

Scope of the Conference

The conference focuses on both renewable energy development and applied for energy. The conference will cover Material Physics, Electronics and Optical Devices, Applied Acoustics and Vibration, Applied Geophysics, Environmental Physics, Medical Physics and Computational Physics. We are welcome to accept other topics related to renewable energy.

Abstract and Publication

*The deadline for the submission of abstracts is **May 17, 2007**. All accepted paper will be peer reviewed prior to their publication. Proceedings with ISBN number will be published by Kenting Physics Forum Press and will be given to all registered participants (except non speaker).*

Submission of Papers :

*Extended abstract (max. Two pages, A4 sizes, font sizes 12 points) of the original works should be submitted before **May 17, 2007** to the Technical Program Committee, including important results, and about five of most recent references. Submission extended abstract in MS-Word file via e-mail to kpf_uns@yahoo.co.id or by facsimiled to +62-271-663375*

The abstract, and title in English, accompanied by a submission cover sheet, should be headed by the tittle, author(s), affiliation and contact address and e-mail, and clearly describes the originality or contribution of the work. Please also indicate the relevance to listed topics and a confirmation (presenter) for participation when the paper is accepted.

Important Dates

1st circular	: January 2007
2nd circular	: March 2007
Abstract due by	: May 17, 2007
Announcement accepted paper	: May 28, 2007
Full paper submission	: July 14, 2007
Conference	: July 28, 2007

Venue

*Conference Hall,
Faculty of Mathematics and Natural Sciences,
University of Sebelas Maret (UNS),
Jl. Ir. Sutami No. 36A Kenting Surakarta 57126, Indonesia
Telp. : (+62-271)669017, Fax. : (+62-271)663375*

Secretariat

*Physics Departement,
Faculty of Mathematics and Natural Sciences,
University of Sebelas Maret (UNS),
Jl. Ir. Sutami No. 36A Kenting Surakarta 57126, Indonesia
Telp. : (+62-271)669017, Fax. : (+62-271)663375
Hp: 081329281849 (Mrs. Riyatun); 08122589621 (Mr. Ari Ramelan); 08164278788 (Mr. Harjana)
E-mail : kpf_uns@yahoo.co.id or w2x_beel@yahoo.com*

For detailed information, and to register, please visit our website : <http://www.fisika.uns.ac.id/kpf04>

Speakers

1. Prof. Dr. Purnomo Yusgiantoro
(Minister of Energy and Mineral Resources)
Topic : Renewable Energy Development Policy in Indonesia
2. Prof. Dr. Kamaruzzaman Sopian*
(Department of Mechanical and Materials Engineering
University Kebangsaan Malaysia/UKM)
Topic : Solar Energy Development
3. Prof. Ir. Martin Djamin, MSc, PhD.
(Expert for State Minister of Research and Technology on
Alternative and Renewable Energy)
Topic : Renewable and Alternative Energy Development

4. Dr. Andi Eka Sakya
(Meteorology and Geophysics Agency)
Topic : Sea-Current Energy Development
5. Dr. Sunarya
National Standardization Agency of Indonesia
) In Confirmation Process

Registration Fee

- Overseas Participant* : US\$ 250.00
- Speaker : Rp 200.000,-
- Non Speaker : - Student : Rp 150.000,-
- Industry : Rp 400.000,-

* includes a two night accommodation in Hotel Sahid Raya Solo, services: superior room, break fast, free fitness and health club.

This fee cover the cost of the seminar-kit, snack, lunch, printout paper and CD-ROM for speaker. Non speaker will be give the seminar-kit, snack and lunch only.

2 International Conference On Neutron And X-Ray Scattering 2007 (ICNX 2007)

When: July 29 - 31, 2007

Where: Aula Barat ITB, Institut Teknologi Bandung

Organizer:

Faculty of Mathematics and Natural Sciences, Bandung Institute of Technology and Neutron Scattering Laboratory, National Nuclear Energy Agency of Indonesia (BATAN)

Category: International

Participant:

User of neutron and x-ray scattering techniques among the local, regional as well as international scientists

Description:

Two-day seminar activities will be covering oral presentations from keynote and invited speakers, poster presentations and exhibitions. Intensive and deep discussion in order to develop the knowledge about neutron and X-ray scattering techniques in current and future research of materials science and biology subject will be carried out. The useful information of neutron and X-ray scattering technique applications can also be explored for the industrial interest, such as in medical science industry, biotechnology and pharmaceutical, and many others.

Seminar: July 29 - 31, 2007

Aula Barat ITB, Bandung, INDONESIA

Keynote speakers:

- Prof. A. R. West (Head of Engineering Materials Department, University of Sheffield, UK);
- Dr. P. Timmins (Group Leader of Large-Scale Structure, Institut Laue-Langevin (ILL) Grenoble, France).

Invited speakers and lecturers:

- Prof. T. Kamiyama (Neutron Science Lab., KEK, Japan);
- Prof. N. Niimura (Ibaraki University, Japan);
- Prof. M. Shibayama (University of Tokyo, Japan);
- Prof. K. Mortensen (Danish Polymer Centre, Risø National Laboratory, Denmark);
- Dr. J. Mesot (Paul Scherrer Institut, Switzerland);
- Prof. G. Ungar (University of Sheffield, UK);
- Prof. B. W. Dijkstra (University of Groningen, Netherland);
- Prof. M. Braden (Physikalisches Institut, Universitaet zu Köln, Germany);
- Prof. T. Hanabusa (Faculty of Engineering, Tokushima University, Japan);
- Dr. Y. Morii (Japan Atomic Energy Agency, Japan);
- Prof. H. Hasegawa (University of Kyoto, Japan);
- Dr. S. Mazumder (Bhabha Atomic Research Center, India);
- Dr. R. Knott (Bragg Institute, Australian Nuclear Science & Technology, Australia);
- Dr. B. Kennedy (University of Sydney, Australia);
- Dr. V. K. Aswal (Bhabha Atomic Research Center, India);
- Dr. S. J. Kennedy (Bragg Institute, Australian Nuclear Science & Technology, Australia);
- Dr. J. Kohlbrecher (Paul Scherrer Institut, Switzerland);

- Dr. S. Okido (Hitachi Research Laboratory, Japan);
- Prof. Dr. Effendy (State University of Malang, Indonesia);
- Dr. M. Nishida (Kobe City College of Technology, Japan);
- Mr. N. Minakawa (Advanced Factory Machine, Japan);
- Dr. A. Ikram and Dr. A. Purwanto (Neutron Scattering Laboratory - BATAN, Indonesia);
- Dr. Z. Nurachman (Institut Teknologi Bandung, Indonesia).

The information of invited speaker and lecturer presentations are available at the conference website.

Important dates & deadlines:

March 31, 2007 (Deadline for submission of abstract & grant request)

April 30, 2007 (Notification of acceptance)

May 31, 2007 (Deadline for advanced registration)

June 30, 2007 (Deadline of submission for proceedings)

July 23 - 28, 2007 (Workshop in Serpong, Indonesia)

July 29 - 31, 2007 (Seminar in Bandung, Indonesia)

<http://www.fmipa.itb.ac.id/icnx/>

<http://centrin.net.id/~nslbatan/icnx/>

3 International Conference on Electrical Engineering and Informatics (IEEI - 2007)

The International Conference on Electrical Engineering and Informatics (IEEI - 2007) will be held in **Bandung, Indonesia** on **June 17-19, 2007**. This conference is the international event organized by the School of Electrical Engineering and Informatics, Bandung Institute of Technology. The purpose of this conference is to provide a forum for researchers, scientists and engineers from all over the world to exchange ideas and discuss recent progress in all fields of electrical engineering and informatics from basic science to practical applications. The organizing committee cordially invites you to participate in the conference.

Language:

The working language of the conference will be in English. All printed matter will appear in English.

Submission of Abstract:

You are invited to submit an abstract of not more than 200 words to the Conference Secretariat by **March 1, 2007** via e-mail or airmail. The abstract must include title, author's name(s), affiliation(s), mailing address, telephone and fax numbers. The abstract should be in Microsoft Word format and its size dose not exceed 200 Kb. Acceptance or rejection of abstract(s) will be notified by late **March 2007** to the corresponding author.

Submission of Full Paper:

The authors of accepted papers will be requested to submit camera-ready manuscripts by **April 15, 2007**. The author's kit and detailed Instructions for paper preparation and submission will be announced to the authors on the conference website and/or in other convenient way. All accepted papers will be published in the Conference Proceedings.

Registration Fees: (In USD)

Participant	By 15 May 2007	After 15 May 2007
Regular	250	300
Student	150	175
Accompany	75	75

The registration fees include all conference materials, conference proceedings, admissions to all sessions, welcoming reception, banquet, lunches, and coffee breaks.

Registration fee should be transferred to:

Account Number: **0113670309**, Name: **Redy Mardiana**

Bank: **BNI 46 ITB Branch**, Swift Code: **BNINIDJAIB**

Remarks: ICEEI2007 Registration fee for Paper# ID

The receipt of payment should be faxed to +62-22-2504185 or scan and send by e-mail to iceei2007@melsa.net.id

Venue

The conference venue is the School of Electrical Engineering and Informatics, Bandung Institute of Technology, Bandung, Indonesia. Jalan Ganesa 10,

Bandung 40132, Tel: +62-22-2534185 Fax: +62-22-2534185,
<http://www.stei.itb.ac.id>

Important Dates

Abstract Due Date: **March 1, 2007**

Manuscript Due Date: **April 15, 2007**

Deadline Pre-registration: **May 15, 2007**

ICEEI 2007 Secretariat

Dr. Agung Harsoyo

School of Electrical Engineering and Informatics ITB

Jl. Ganesha 10 Bandung 40132, Indonesia

Fax: +62-22-2534185, Email: iceei2007@melsa.net.id

<http://www.iceei2007.com>

Organizing Committee

General Chair : Suwarno

Finance Committee Chair : R. Mardiana

Publication Committee Chair : B. Halimi

Secretariat Chair : A. Harsoyo

Steering Committee

Chair : Adang Suwandi Ahmad

Members : * Carmadi Machbub Ngapuli Sinisuka

* Reynaldo Zoro Soegijardjo Soegijoko

* Nana Rachmana Yanuarsyah Haroen

* Iyas Munawar Suhono H. Supangkat

* Kuspriyanto Iping Supriana

* Benhard Sitohang

* Tati Mengko

International Advisory Committee

Chair : Adang Suwandi Ahmad

Members : * Montanari (Italia)

* B. Channarong (Thai)

* Z. Kawasaki (Japan)

City Walk), Jalan Braga No. 99 -101 Bandung 40111. Acara ini merupakan kerjasama antara ITB dengan JICA (Japan International Cooperation Agency).

Acara tersebut dibuka oleh Prof. Dr. Emmy Suparka (Wakil Rektor Bidang Penelitian dan Kemitraan/Ketua LPPM-ITB), yang sebelumnya didahului pemberian sambutan oleh Dr. Ir. Iman K. Reksowardojo. Hadir juga Dekan FTI-ITB Dr. Ir. Dwiwahju Sasongko.

Seminar diselenggarakan 2 (dua) kali setiap tahun dan ini merupakan yang ke-8 (delapan) kalinya sejak tahun 2003. Sebenarnya seminar ini hanya untuk mewedahi para mahasiswa, staf pengajar dari ITB, pembimbing dari Jepang, dan pembimbing dari negaranya untuk berdiskusi. Jadi dalam seminar tersebut dipaparkan bidang-bidang engineering oleh: Mr. Iwadate and Ms. Siriporn Laosang (AUN/SEED-Net Project, Thailand), Prof. Homma, Assoc. Prof. Yanada, Assoc. Prof. Tsuchiya, Prof. Obi and Prof. Kudo (Japanese Professors), beberapa Mahasiswa dan Alumni AUN/SEED-Net, serta diskusi AUN/SEED-Net Program in ME/AE (Seminar, Journal, Phase II) oleh Prof. Dr. Ir. Djoko Suharto (ITB).

Seminar ditutup oleh Prof. Dr. Ir. Djoko Suharto dan diakhiri dengan kunjungan ke laboratorium-laboratorium di ITB.



PUBLIKASI INTERNASIONAL LPPM ITB

- 1 Sigit Sukmono**, 2007, The Application of Multi-attribute Analysis in Mapping Lithology and Porosity in the Pematang-Sihapas Groups of Central Sumatra Basin, Indonesia, The Leading Edge, Vol.26 No.2, pp. 126-131.
- 2 Sigit Sukmono**, D. Santoso, A. Samodra, W. Waluyo, S. Tjptoharsono, 2006, Integrating Seismic Attributes for Reservoir Characterization in Melandong Field, North West Java Basin, Indonesia, The Leading Edge, pp. 532-538.
- 3 Zaki Su'ud**, 2007, Small and Very Small Lead-bismuth Cooled Nuclear Power Reactors Without On-site Refuelling, Spinnor/Vspinnor, IAEA TECDOC-1536, Vienna, pp. 739-759
- 4 Wilmar Salim**, C. Chan-Halbrendt, B. Alexander, 2006, Sustainable Livelihood Considerations for Disaster Risk Management: Implications for Implementation of the Government of Indonesia tsunami recovery plan, Disaster Prevention and Management, Vol. 15 No.1, pp. 31-50.

PERISTIWA LPPM ITB

1 Field Wise Seminar AUN/SEED Net 2007

AUN/SEED-Net Team Institut Teknologi Bandung, Program Studi Teknik Mesin dan Teknik Penerbangan Fakultas Teknologi Industri ITB yang diketuai langsung oleh Dr. Ir. Iman K. Reksowardojo, Kepala Laboratorium Motor Bakar dan Sistem Propulsi, Program Studi Teknik Mesin ITB telah menyelenggarakan *Field Wise Seminar in Mechanical and Aeronautical Engineering AUN/SEED-Net 2007* pada tanggal 22- 23 Februari 2007 di Hotel Aston Bandung (Braga

2 2 (dua) Mahasiswa Jerman menyelesaikan Penelitian di Institut Teknologi Bandung

Dua orang mahasiswa (*undergraduate students*) dari *Faculty of Mechanical Engineering, Institute of Food Technology and Bioprocess Engineering, TU Dresden*, Jerman, yaitu Sdr. Tim Rambowsky dan Falk Milan telah menyelesaikan penelitiannya sebagai bagian dari proyek akhir mereka. Judul penelitian yang dilakukan di ITB adalah '*Decolorization of Textile Wastewater by Using White Rot Fungi*'. Kedua mahasiswa tersebut berada di Indonesia sejak bulan Oktober 2006, dan mereka telah menyampaikan hasil penelitiannya pada hari Jumat, 23 Februari 2007 di Ruang 316, Lab. Tek X, Gedung Teknik Kimia ITB. Selama di ITB mahasiswa tersebut dibimbing oleh Prof. Tjandra Setiadi, Dr. Sri Harjati Suhardi dan Dr. Wardono Niloperbowo.



2 (dua) mahasiswa Jerman yang telah menyelesaikan penelitiannya di ITB: Sdr. Tim Rambowsky (sebelah kiri) dan Falk Milan (sebelah kanan).