January 22, 2011

MEMORANDUM

TO: iNEER Community
FROM: Secretary-General
SUBJECT: Secretariat Update and ICEE-2011 Planning Meeting, Belfast, Northern Ireland, Nov.
                   2-5, 2010

1. ICEE-2011 Planning Meeting

Three members of the iNEER Board met in Belfast, Northern Ireland, during November 2-5, 2010.
Over these four days, Board members reviewed future plans for iNEER, including a broad ranging
status update on the iNEER Secretariat. The discussion took place through a series of informal
sessions at the Europa Hotel in Belfast and at restaurants in Belfast. The discussion in these sessions
continued the dialog started at the Board meeting on August 17, in Gliwice, Poland.

In parallel with the Board meetings, from August 3-5, the Board members attended a planning
meeting for ICEE-2011 chaired by Dr. James Uhomoibhi, General Chair of ICEE-2011, and his
associates, including the Vice Chancellor of the University of Ulster, Dr. Richard Barnett.

The planning meeting for ICEE-2011 took place on two campuses at the University of Ulster (UU,
http://www.ulster.ac.uk/about/) in Northern Ireland. The itinerary began on Thursday 11/4/2010
with a meeting at the Jordanstown campus with the ICEE-2011 planning committee. On Friday
11/5/2010, there was a meeting with Professor Richard Barnett, Vice Chancellor, at the Coleraine
campus, about one hour north of Jordanstown. The itinerary also included a visit to the Waterfront
Conference Centre in Belfast, the conference venue. A concluding discussion was held on Friday
11/5/2010 at the Europa Hotel in Belfast.

The meeting was organized by Dr. Uhomoibhi. The following individuals participated:

iNEER Board:

Tomas Cermak
Radim Farana
Win Aung

University of Ulster:

Sylvia Alexander, Director of Access and Distributed Learning
Richard Barnett, Vice Chancellor
Tim Brundle, Director of Innovations
Robin Clarke, Chair of Mechanical Engineering, School of Engineering
James Hanna, Head of Computing and Engineering Services
Richard Millar, Dean of Faculty of Computing and Engineering
Aileen Moore, Executive Officer, Vice Chancellor's Office
Margaret Morgan, Lecturer, School of Engineering
Colin Turner, Head of School, School of Engineering
Sylvia Turner, Director of Access and Distributed Learning

James Uhomoibhi, Lecturer and Faculty E-Learning Coordinator
Noel Wilson, Assistant Director, ICT Customer Services

At the planning meeting on 11/4/2010, the Vice Chancellor's office was represented by Professor Denise McAlister, Pro-Vice Chancellor (Teaching and Learning) and Professor Ian Montgomery, Dean of the Faculty of Arts, Design and the Built Environment. The meeting was chaired by Dr. Uhomoibhi. The agenda focused on the latest program plans and topics/themes.

The iNEER Board members noted and expressed their congratulations on the excellent progress made by the ICEE-2011 team at the University of Ulster.

Following the meeting with the ICEE-2011 planning committee the iNEER team, accompanied by Dr. Uhomoibhi, met with Professor Richard Millar, Dean of Computing and Engineering at UU-Jordanstown (Thursday 11/4/2010).

The final session at held on Friday 11/5/2011 in UU-Jordanstown dealt with database development for online registration. It was noted that abstract submission will be handled by Conference Partners Ltd., an international conference and events management specialist based in Dublin, Ireland. Ms. Elva Dickey came from Dublin and provided the iNEER Board with a draft database structure.

The University of Ulster will be responsible for the development of online abstract and paper submission system. [The website for online registration site has been onbline since the middle of December, 2010. The iNEER Secretariat sent an announcement to the iNEER community on December 18, 2010.]

Agenda of the planning meeting on Thursday: Please see Appendix 1.

Discussion at planning meeting:

(1) The official name for this conference: *ICEE-2011 Northern Ireland*
(2) Theme: *Engineering Sustainability for a Global Economy*
(3) ICEE-2011 Conference Theme and Topics: *See Appendix 1*
(4) Venue and Dates: *Belfast Waterfront Conference Centre, Belfast, Northern Ireland, UK, August 21-26, 2011.*
   http://www.waterfront.co.uk/conferenceandmeetings/

Photos taken during planning meeting: Please see Appendix 3.

2. Innovations 2011

Editing of Innovations 2011 is on track and the hardcover book is scheduled to be released in August of 2011, in time for distribution at ICEE-2011. We plan to include over 30 chapters in the volume. These chapters will highlight recent innovations in engineering education and research around the world, much of which propelled by the engine of market globalization and the ensuing globalization of engineering education. Driven by information sharing afforded by the internet, professional publications and technical conferences, we are seeing innovations in teaching and learning springing up in universities around the globe almost on a daily basis. New approaches are being developed and tested that would exploit recent advances in computer based learning, broaden the appeal of engineering and its coverage such as law enforcement, promote international collaboration by means of advanced research facilities and instrumentation, improve evaluation and assessment regimes, advance interdisciplinbary interaction which often is a springboard for new, innovative developnent.

It is the objective of *Innovations 2011* to showcase some of these developments.

3.   ICIT 2011 – Russia and iCEER 2012 – Hong Kong

The following two proposals for new conferences have been received:

   a.   iCEER – 2012 Hong Kong. The hosting university is Hong Kong Polytechnic University, November 12-16, 2012. The theme is: "Nurturing of Leaders by Engineering Education and Research". The proposal has been posted at: *http://www.ineer.org/iNEERInfo/Proposal-2012_ICEER_Hong_Kong_Polytechnic_U_selected-sections.pdf*

   b.   The proposal from Saratov State Technical U. (SSTU), Saratov, Russian Federation seeks to co-organize ICIT – 2011 in Russia. The conference will deal with the increasingly important area of information technology education. The conference will be devoted to various aspects of future cross-regional collaboration efforts in information & communication technologies (ICT) in education and research. The tentative dates are June 6-9 June, 2011. [In late November 2010, iNEER received a revised proposal from SSTU changing the dates to June 6-9, 2012.]

Warmest regards.

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Board of Editors / Innovations 2011
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APPENDIX 1

Programme of Planning Meeting

ICEE-2011 Planning Meeting, International Steering Committee Visit
University of Ulster
Northern Ireland, 4th-5th November, 2010

Tuesday, 2nd November

Arrival at afternoon to Europa Hotel

18:45   Meeting at Europa Hotel lobby, walk to Restaurant
          (Dr James Uhomoibhi)

19:00   Welcome dinner at Belfast City Restaurant

Wednesady, 3rd November

08:00   Breakfast at Europa Hotel

10:15   Meeting at Europa Hotel lobby
          (Belfast Visitors and Convention Bureau, Claire Bradshaw)

10:30   Tour of selected sites in Belfast and rest of the region
          (Separate programme to follow)

19:30   Dinner in Belfast City Restaurant

Thursday, 4th November

08:00   Breakfast at Europa Hotel

09.45   Meeting at Europa Hotel lobby, Proceed to the University of Ulster,
          Jordanstown Campus

10:15   Meeting with Conference Planning Group Room 16J16, Jordanstown Campus

12:30   Welcome by the University of Ulster authorities, Vice Chancellor's Office, Jordanstown
          Campus, Meet and greet Professor Richard Barnett

13:00   Lunch

14:30   Meeting with the Dean and visit to University of Ulster, School of Engineering Facilities
          to include NIBEC and FireSET as appropriate (Dr James Uhomoibhi)

15:30   Visit to Waterfront Hall, ICEE-2011 facilities review

19:30   Dinner in Belfast City restaurant
          Courtesy of the Director, Office of Innovation

Friday, 5th November

06:30   Breakfast at Europa Hotel

07.30   Meeting at Europa Hotel lobby, Proceed to the University of Ulster,
         Jordanstown Campus

10:00   Meeting with the Vice Chancellor, Professor Richard Barnett, Coleraine
         Campus

12:30   ICEE-2010 International Steering Committee Meeting – additional topics
         (communication, databases, cooperation between partner universities and
         institutions) Jordanstown Campus, Room 16J16, Dr James Uhomoibhi

13:30   Working lunch on Campus
         Dr James Uhomoibhi

15:00   Visit to Belfast sites related to ICEE-2011 organization
         (Dr James Uhomoibhi)

17:30   Return to Hotel

Saturday, 6th November

Departure of iNEER delegation

ICEE-2011 International Steering Committee/iNEER Board Representatives

Prof. Tomaś Čermak, iNEER General Chair

Prof. Win Aung, iNEER Secretary General

Prof. Farana Radim, VSB-Technical University of Ostrava

APPENDIX 2

ICEE-2011 Conference Theme and Topics
Belfast 21-26 August 2011

The Conference theme is "Engineering Sustainability for a Global Economy". In addition to some already suggested, the following topics are ones under which submissions of abstracts and papers are to be considered

1. Academic teaching and administration; overcoming the challenges of global economy
2. National trends in accreditation global networking
3. Active and Cooperative Learning
4. Current Trends in Engineering and Technology Education
5. E-Learning and Innovations
6. Creativity in engineering teaching and Learning
7. Environmental Challenges and Public Policies
8. Innovations in Virtual and Remote Laboratories
9. Sport technologies – new development
10. Education in medical and bio-engineering, health sciences and nanotechnology, sustainable energy engineering
11. Innovative education programs in sustainable technologies and built environments

1. Integration of basic sciences and engineering
2. Best practices in international cooperation in engineering education; research-based study abroad
3. Multidisciplinary Experiences
4. Best practices in problem and project based learning, service learning
5. Research and Curriculum Development
6. Social sciences in engineering and technology education
7. Management and business in engineering and technology education
8. National and International Students and staff mobility
9. University-Industry Joint programmes
10. International Cooperation for Enhanced Innovation in Engineering and Education

1. Integrating Research Projects with Engineering Education Activities
2. Curriculum for Global Engineering Practices
3. Education Activities in Research Centres and Consortia
4. New Approaches in laboratory based students learning
5. University links with Schools and Further Education
6. Active Learning – New development and learning approaches

7. Best practices in inculcating foreign languages, cultures and business practices in engineering education
8. Emerging Technologies and their integration in engineering education
9. Virtual Communities of Practice in Management and Engineering Education
10. Engineering Education and Sustainable Development

APPENDIX 3