

# Report from Discipline Advisory Panels (DAP) 2012/2013



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**Ir Joseph C M LEUNG,**  
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**Ir Frank F CHAN,**  
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**Ir Prof POON Chi Sun,**  
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**Ir WONG Chi Kwong,**  
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**Ir Lewis H Y HO,**  
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**Ir WONG Chi Ming,**  
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**Ir Dr CHAN Chun Leung,**  
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**Ir Dr Aaron W K TONG,**  
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**Ir Louis K S SZETO,**  
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**Ir Dr FUNG Wing Kun,**  
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**Ir Alex W H LEUNG,**  
Chairman of Mechanical  
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**Ir LAU Chi Kin,**  
Chairman of Structural  
DAP



# Report from Discipline Advisory Panels 2012/2013

**The** Discipline Advisory Panels continued to spare no efforts in upholding qualification standards, reviewing issues relevant to their respective Disciplines and offering advice on membership, qualifications, accreditation and training during the Session. Representatives of the Discipline Advisory Panels sit on the Education and Examinations Committee, Quality Control Committee and Training Committee to ensure consistent quality control on membership, academic and training assessments.

For membership assessments, assessors are nominated by the Discipline Advisory Panels to serve as examiners in professional assessments. For academic and training assessments, representatives who sit on the Education and Examinations Committee and Training Committee are responsible for conducting assessments on behalf of their respective Discipline Advisory Panels.

We are pleased to report that nearly 800 applications for membership were reviewed by the Discipline Advisory Panels during the Session.

The Discipline Advisory Panels actively participated in the Working Group on Competence-Based Assessment to develop competence-based assessment requirements for professional assessment. With the valuable support of the Discipline Advisory Panels, the Competence Standard for Professional Engineers (including Competences and Performance Indicators) and Professional Assessment Report (Competence Assessment) were produced and approved. They also lent full support to the Task Force on Associate Membership Route to Corporate Membership with a view towards developing an effective professional route for Associate Members wishing to become Corporate Members.

On the international front, the respective Discipline Advisory Panels have worked hard to establish Reciprocal Recognition Agreements (RRA) with overseas institutions. On the recommendation of the Fire Discipline Advisory Panel, an RRA with the Institution of Fire Engineers (IFE) has been approved by both Institutions. At the moment, the Logistics and Transportation Discipline Advisory Panel is considering the establishment of an RRA with the Chartered Institution of Highways and Transportation (CIHT) with discussions well underway. In addition, the Structural Discipline Advisory Panel is actively negotiating with the Institution of Structural

Engineers (IStructE) on a new RRA.

Various activities were organised to promote the Disciplines. Introductory courses and career talks were successfully conducted at universities and private sector companies by the Building Discipline Advisory Panel to promote Scheme "A" Training in the Discipline. Seminars, career talks and discussion sessions with university students were organised by the Biomedical Discipline Advisory Panel to promote Biomedical Discipline.

The respective Discipline Advisory Panels actively participated in the accreditation activities of the Institution. Members were nominated to be visiting team members for degree and higher diploma programmes. For the accreditation visit to the University of Macau on 5-6 July 2012, members of the Electrical Discipline Advisory Panel were nominated to be visiting team members and gave support and advice during the visit.

Various Disciplines devoted much effort to the development of professional assessment throughout the Session. Admission requirements have been continuously reviewed by the respective Discipline Advisory Panels. Both Fire and Geotechnical Discipline Advisory Panels reviewed and made corresponding amendments to their respective admission requirements during the Session. The Aircraft Discipline Advisory Panel also reviewed the academic qualifications recognised by other Disciplines in assessing candidates for admission to the Aircraft Discipline.

We are pleased to report that the number of Members admitted to the new Logistics & Transportation Discipline has already reached 235. Panels members are now actively preparing the establishment of a new Logistics & Transportation Division, targeting its establishment in mid-2014.

The Marine & Naval Architecture Discipline Advisory Panel visited Guangzhou Long Xue Shipyard with young members in September 2012. Professional views on the Lamma IV disaster were also given by the Discipline.

Last but not least, the Structural Discipline Advisory Panel oversaw the successful organisation of the HKIE Structural Examination 2012, which was held on 16 November 2012. Again, an overwhelming response was received and a total of 277 candidates sat for the written examination.