

inspiring success



ACDICT and ACS

Updates from the Australian Computer Society

Michael Johnson 9 April 2015



Preview

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ACS

Academic Boards

Technical Council

IFIP Technical Committees

Accreditation and CBoK

International agreements

Summary/Conclusions

ACS

50 years young (very nearly)

Professional society for ICT industry

one industry

multiple professions?

→ “broad church”

Advocacy

Accreditation

Interaction

>21000 Members (including many of us academics)

Academic Boards

“What”

- advise ACS on technical issues (including accreditation BoK)
- “sponsor” technical activities
- broad social advocacy

“Who”

- ~~computer science~~
- computer systems and software engineering
- ICT educators
- ~~information systems~~
- telecommunications

Technical Council

“What”

“peak body in the field by which ACS can exercise national leadership”

- Comprehensive source of technical advice to ACS and informed BoK development
- Broader engagement with specialist technical communities
- Authoritative advocacy

Who” – complementary sources

- **internal expertise (academic boards chairs)**
- **quasi-internal expertise (SIG chairs)**
 - safety-critical systems

Continued....

Technical Council (2)

“Who” – continued...

External expertise

- **ACDICT**
- **ACPHIS**
- **CORE**
- **EA**
- **NICTA**
- **ACCE**

IFIP Technical Committees

IFIP

professional standards (IP3 – “International Professional Practice Partnership”)

scientific/technical development (governance – “technical councils”)

Actual work (“working groups”)

ACS the Australian link to IFIP

ACS engagement with IFIP TCs

Collaborative, roughly mirrors ACS Tech Council approach

ACS nominated and funded

Externally nominated and funded, ACS ratified

IFIP Technical Committees

TC1 CS Theory	– TBD CORE
TC2 SW Thy/Prac	– ACS
TC3 Education	– ACS
TC5 IT Apps	– TBD
TC6 Comms Systems	– TBD
TC7 Modelling & Optimisation	– TBD NICTA
TC8 Info Sys	– ACPHIS
TC9 Computers & Socy.	– ACS
TC10 Comp Sys Tech	– ACS
TC11 InfoSec	– DSTO
TC12 AI	– AI Ctee
TC13 HCI	– HITLab (UTas)
TC14 Entertainment	– GDAA???

ACS Accreditation

The ***Australian Computer Society (ACS)*** accredits higher education courses that prepare graduates for initial professional practice in ICT

Currently the ACS accredits courses at 45 institutions including all Australian universities.

(And several international institutions, as well as a few private providers and TAFEs.)

ACS accreditation is recognised internationally under the Seoul Accord, and plays an important part in professional certification recognised internationally under the IP3 program.

ACS CBoK Review Consultations

Melbourne

- April 17

Brisbane

- April 24

Canberra

- June?

International Agreements and Activities

- **IFIP (above)**
- **IP3 (above)**
- **Seoul Accord**

Plus

- **UN**
- **IITP(NZ)**
- **PICAB**
- **CIPS, BCS, European e-skills, SA, ... (India, Sri Lanka...)**

Professions Australia and Universities Australia joint statement re Accreditation

The ACS supports the statement broadly, and identifies (minor) issues for discussion including:

- *Scope (need for consistency)*
- *Inputs (leadership expectations)*
- *Triangulation (apparent overlap)*
- *Conflicts of Interest (industry input)*
- *Professional Society cooperation (eg EA-ACS)*
- *Perceived balance (see responsibilities) and onus*

Overall, the ACS is supportive of the draft statement and sees few serious difficulties in adopting it as a statement of Guiding Principles (although not as a “contract” or similar binding document).

Summary/Conclusions (Paul Bailes)

ACS loves and trusts ACDICT

ACDICT please love ACS too

From me:

ACS is now primed, and a valuable source of positive interactions

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