

Comments on the *Continuous Assessment Activities* – Group 15

1. Report:

- (a) The main aim of *Abstracts* is to briefly describe the work undertaken by the author. In general *Abstracts* are divided in 4 parts: (i) motivation, (ii) main objectives, (iii) summary of the main procedures / techniques / technologies (optional) and (iv) main findings.
- (b) The main *Introduction* section usually has the same (but more in-depth and descriptive) four parts of the *Abstract* and a brief summary of the remaining of the work. In addition, it is always expected a few clear statements -re main background (thus recent innovations related to the main topic), initial literature review and, most of all, technological / scientific gaps in the current understanding. Also, it is expected a summary of the remaining sections at the end of the *Introduction*.
- (c) Nice looking report with clear figures and simple design.
- (d) Figure captions should explain what is shown in the figure.
- (e) Reference the authors of the paper, not the university where the authors were based - the bricks and mortar of the University of Ontario hasn't written anything.
- (f) There's no need to say a paper was published in the 'International Journal of Energy Research' in the main text – just give authors and date, and leave the rest to the bibliography.
- (g) Unnecessary change in font size at end of summary.
- (h) The amount of technical thermodynamic content is limited.
- (i) Inconsistent font usage in the bibliography.
- (j) It's not clear how the figures in the appendices related to the main text.
- (k) Avoid using *colloquial (informal / personal)* writing.
- (l) Regardless of the chosen citation style (e.g., ACS, AIP, AMS, IEEE, AIAA, etc) any reference **must** contain the following fields:
 - i. For journal papers: Authors, Paper Title, Journal Name, Volume, Pages, Year of publication;
 - ii. For books: Authors, Book Title, Publisher, Year or Edition;
 - iii. For book chapters: Authors, Chapter Title, Book Title, Editors, Publisher, Year or Edition;
 - iv. For conference papers: Authors, Paper Title, Conference Title, Place (Country and/or City) where the conference was held, Year of the conference;

- v. For reports, private communications and Lecture Notes: Authors, Title, Place issued (Country and/or City and Institution where the document was originated), Year;
- vi. For PhD Thesis and MSc Dissertations: Author, Title, Institution (University and Department/School), Year.

Thus, for example:

- [1] P.L. Houtekamer and L. Mitchell, 'Data Assimilation Using an Ensemble Kalman Filter Technique', *Monthly Weather Review*, 126:796-811, 1998.
- [2] K. Pruess, 'Numerical Modelling of Gas Migration at a Proposed Repository for Low and Intermediate Level Nuclear Wastes', Technical Report LBL-25413, Lawrence Berkeley Laboratory, Berkeley (USA), 1990.
- [3] K. Aziz, A. Settari, *Fundamentals of Reservoir Simulation*, Elsevier Applied Science Publishers, New York (USA), 1986.
- [4] R.B. Lowrie, 'Compact higher-Order Numerical Methods for Hyperbolic Conservation Laws', PhD Thesis, Department of Aerospace Engineering and Scientific Computing, University of Michigan (USA), 1996.

2. Oral Presentation:

- (a) Good time keeping.
- (b) Confident presentation but some speakers reading notes.
- (c) Graphics not used appropriately to illustrate technical concepts (e.g. Rankine Cycle) .
- (d) Text on figures not clear.
- (e) Everything you put on a slide should be explained (e.g. overall process diagram).
- (f) Table not clear that values in 'dual' column are per boiler.
- (g) Be more enthusiastic, try to burst with enthusiasm, if you are not, your audience will not be enthusiastic to listen to you.